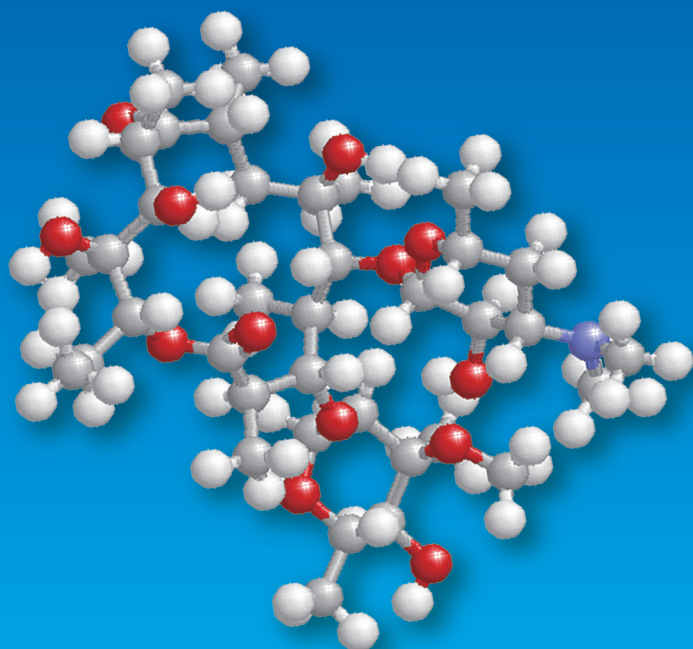


研究和试验用抗菌类和抗肿瘤类

Antimicrobials and Antitumors for Research and Experimental Use



抗菌类

青霉素类
头孢烯类
氨基糖苷类
大环内脂类
其它

合成抗菌类

喹啉酮类
磺胺类
其它

抗真菌类

抗病毒类

抗肿瘤类

研究和试验用抗菌类和抗肿瘤类

自从1929年弗莱明发现青霉素¹⁾，抗菌剂已被广泛应用于临床。细菌感染曾经是对人类最大的威胁，那些死于细菌感染的人数已经大幅减少，平均寿命大大延长²⁾。

抗菌剂是阻止微生物生长的化学物质，一般分为抗生素类，合成抗菌类，抗病毒类和抗真菌类。微生物类产生的抗生素类和抗菌类，根据结构可以分为氨基配糖体，头孢烯，大环内酯类和青霉素类等。而且，它们部分化学改性的合成类似物一般被称为抗生素类。另一方面，合成抗菌类具有相同的抗菌作用，具有代表性的如喹啉酮类³⁾和磺胺类，已经通过单纯的有机合成得到。抗菌剂，如盐酸布替萘芬，被用于抑制真核细菌的生长。抗病毒类主要由改性核苷组成，如叠氮胸苷⁵⁾，可以抑制病毒在宿主细胞中复制。抗病毒类可以抑制病毒-非细胞型微生物的生成。

抗肿瘤剂可以抑制肿瘤细胞的生长。如喜树碱⁶⁾可以影响肿瘤细胞的组成和它们的活性。据近期报道5'-氮杂胞苷⁷⁾和TSA⁸⁾可以提高多功能干细胞(iPS)细胞生成效率⁹⁾。格尔德霉素¹⁰⁾同时具有抗菌性和抗肿瘤性。

因为抗菌剂的发明和创新，细菌感染显著降低。然而，多重抗药性细菌的医院感染，如耐甲氧西林金黄色葡萄球菌(MRSA)引出一个新问题，要求开发出新的抗菌药。研发用的抗菌剂正得到越来越多的关注，不仅为了比较研究，而且也是化学合成的起始物质。

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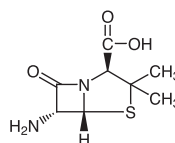
抗菌类

Antimicrobials

青霉素类

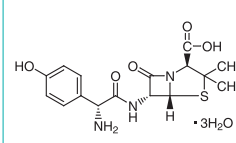
Penicillins

A0800 5g 25g



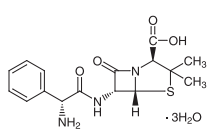
6-Aminopenicillanic Acid
[551-16-6]

A2099 5g 25g



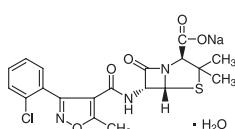
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[61336-70-7]

A2092 25g



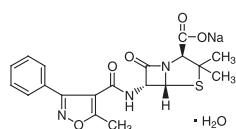
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[7177-48-2]

C2244 1g 5g



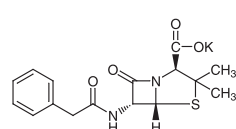
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O0353 5g 25g



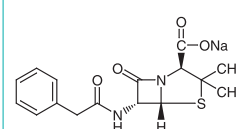
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P1772 25g



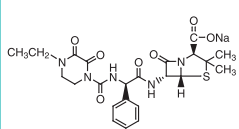
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P1770 1g 5g



Penicillin G Sodium Salt [69-57-8]

P1774 1g 5g

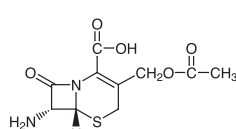


Piperacillin Sodium Salt [59703-84-3]

头孢烯类

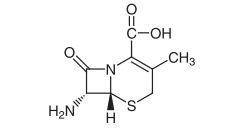
Cephems

A1266 5g 25g



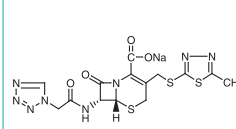
7-Aminocephalosporanic Acid [957-68-6]

A2075 5g 25g

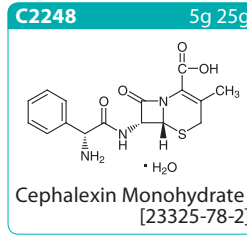
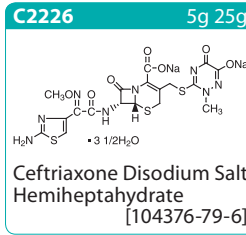
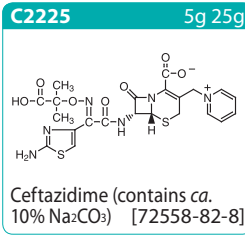
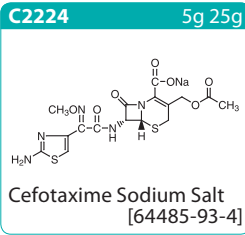


7-Aminodesacetoxycephalosporanic Acid [22252-43-3]

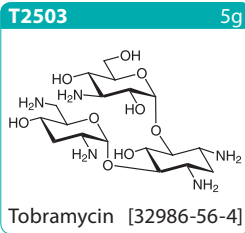
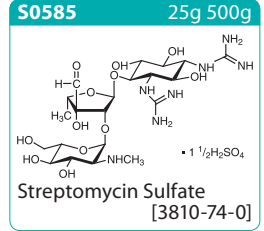
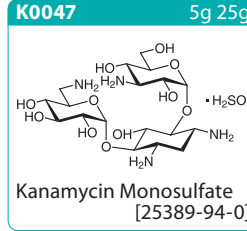
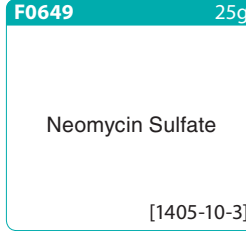
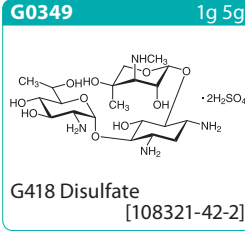
C2242 5g 25g



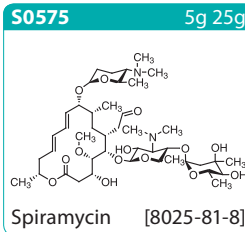
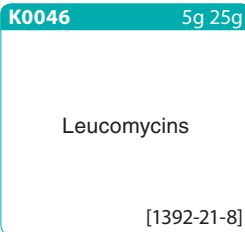
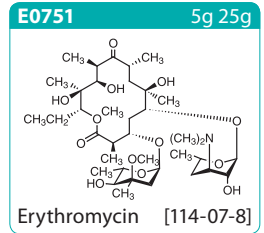
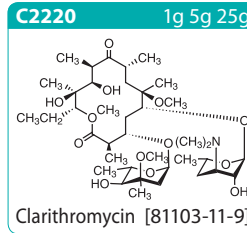
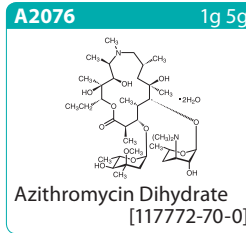
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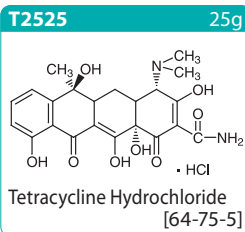
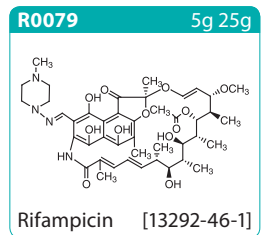
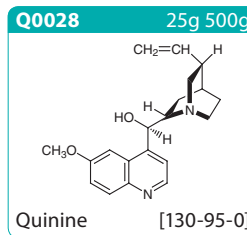
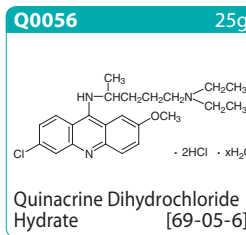
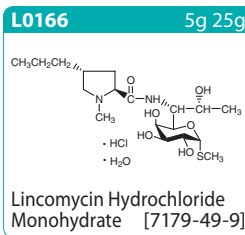
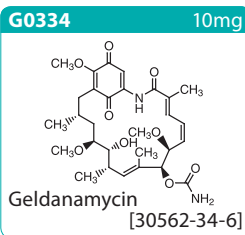
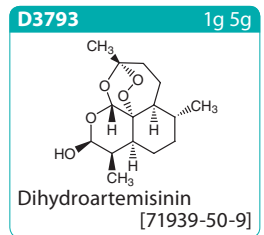
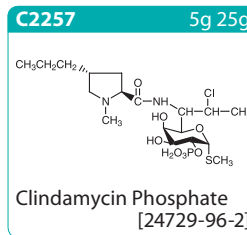
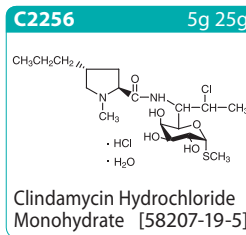
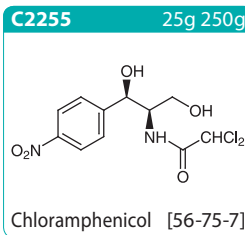
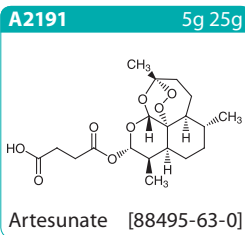
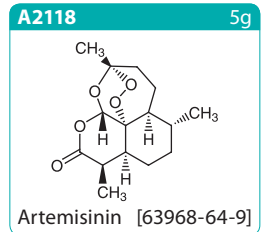
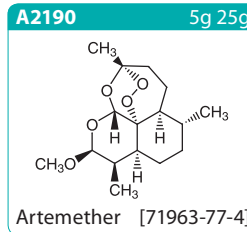
氨基糖苷类
Aminoglycosides



大环内脂类
Macrolides

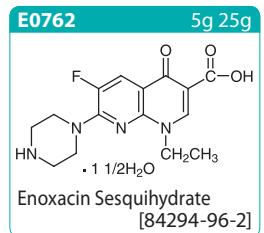
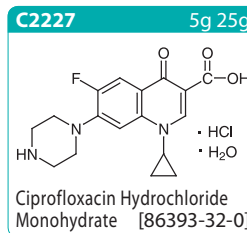


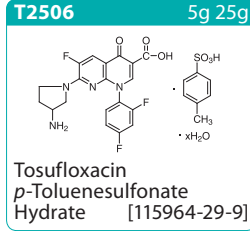
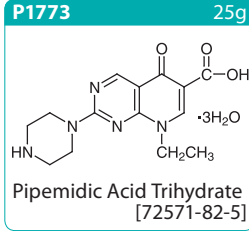
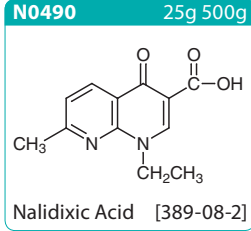
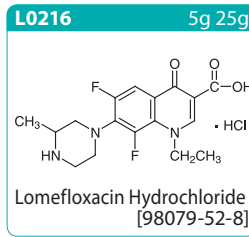
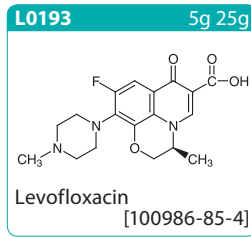
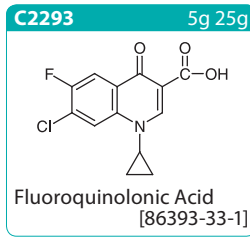
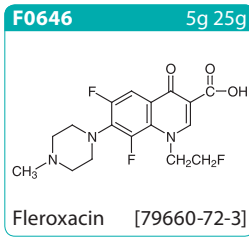
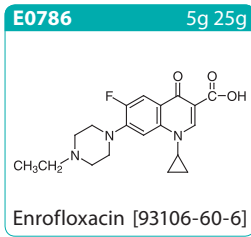
其它
Others



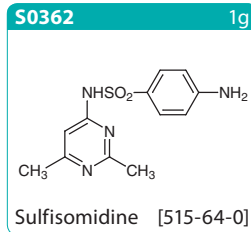
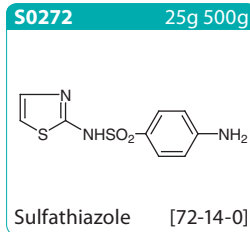
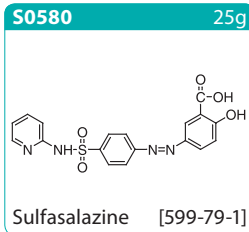
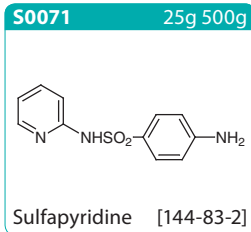
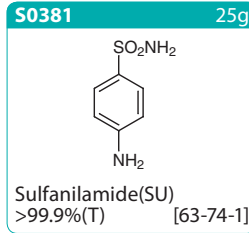
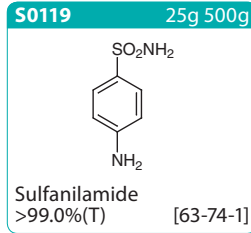
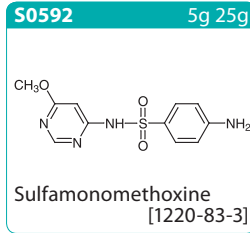
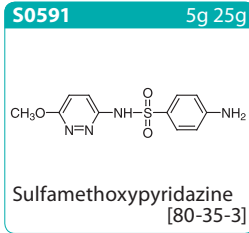
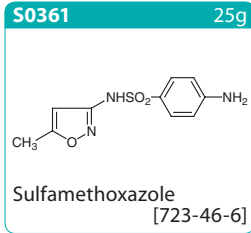
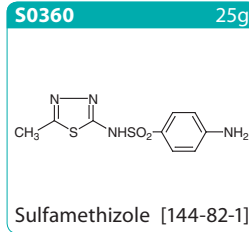
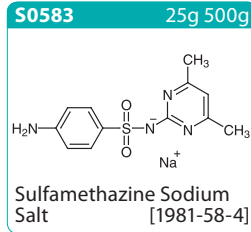
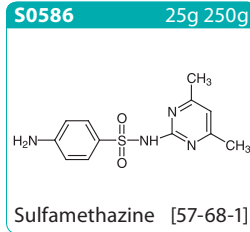
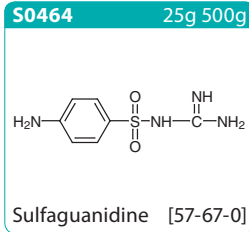
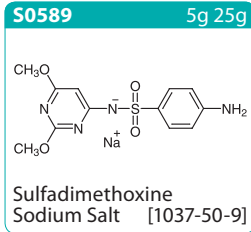
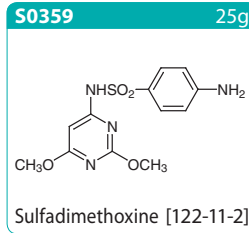
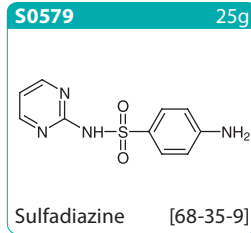
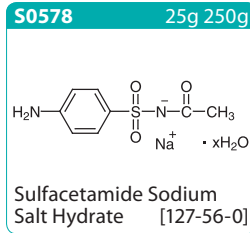
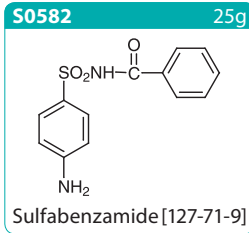
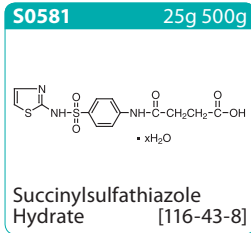
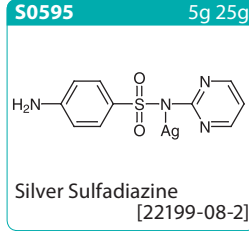
合成抗菌类
Synthetic Antimicrobials

喹啉酮类
Quinolones

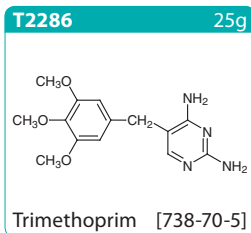
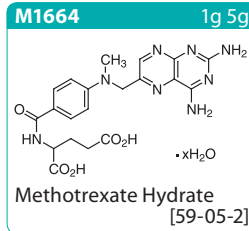
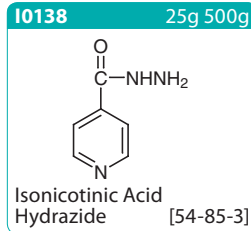
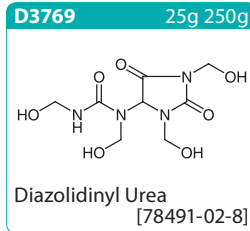
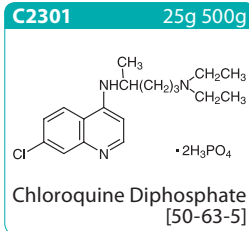




磺胺类
Sulfonamides

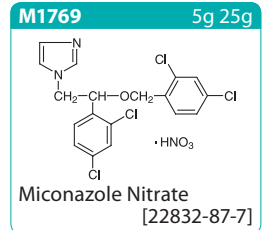
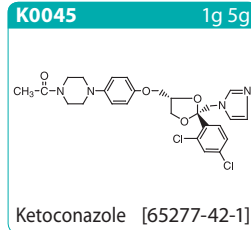
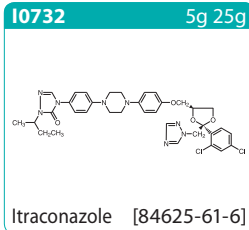
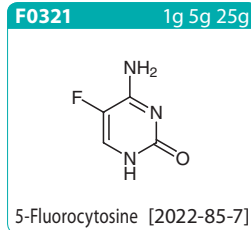
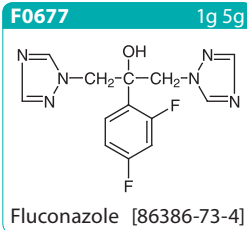
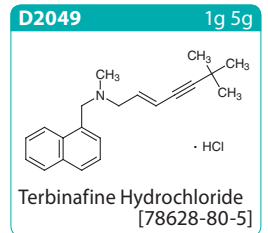
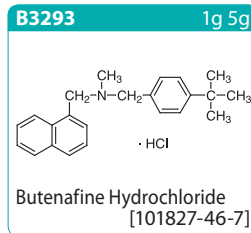
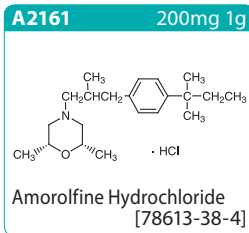


其它
Others



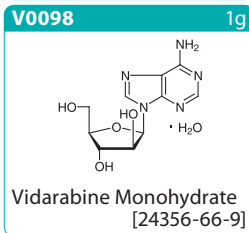
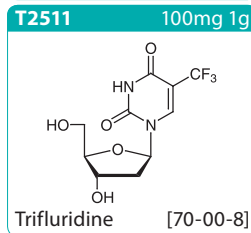
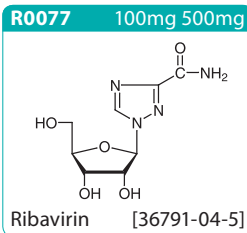
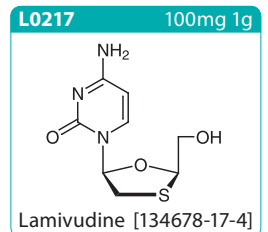
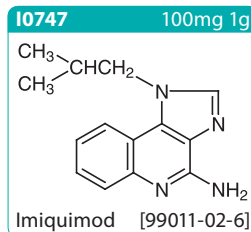
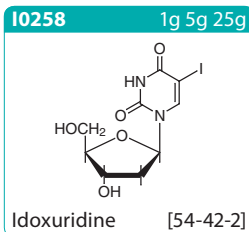
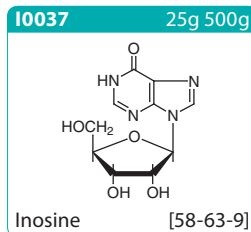
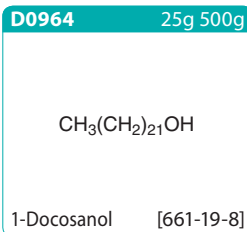
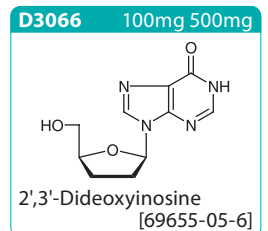
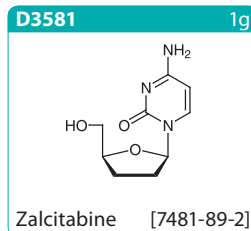
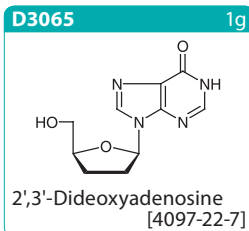
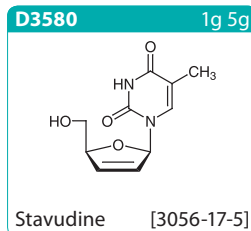
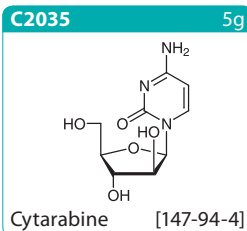
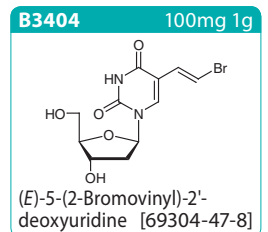
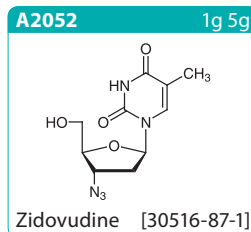
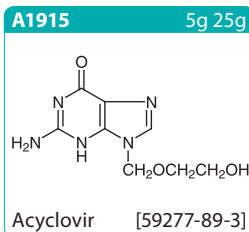
抗真菌类

Antifungals



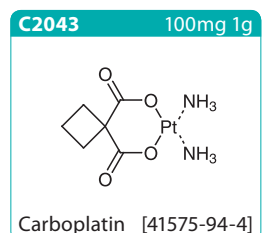
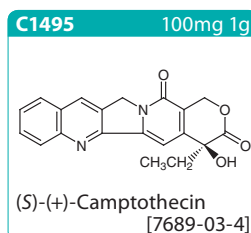
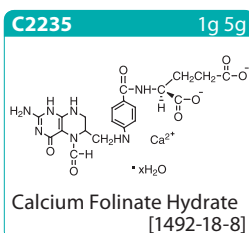
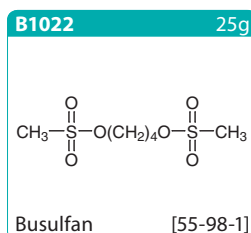
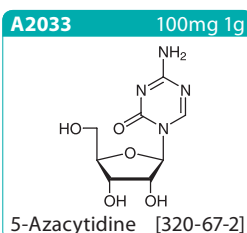
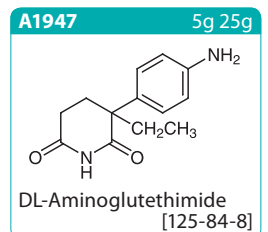
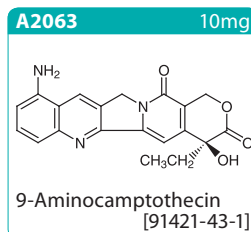
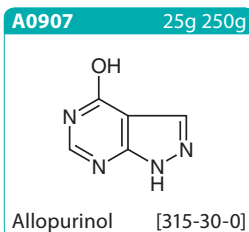
抗病毒类

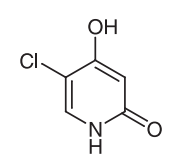
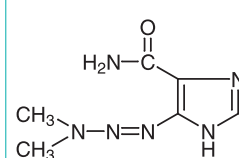
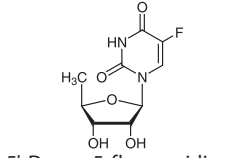
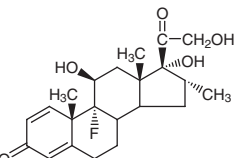
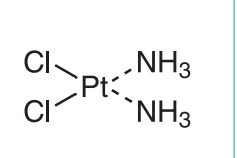
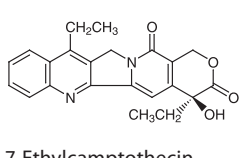
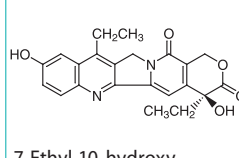
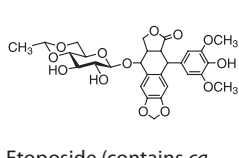
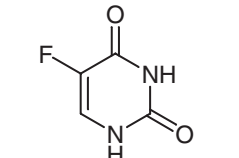
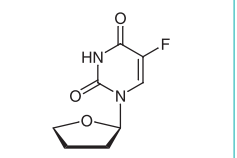
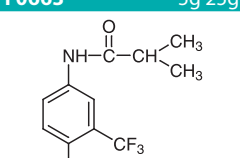
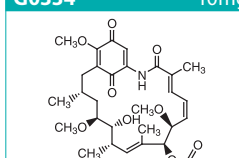
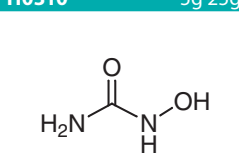
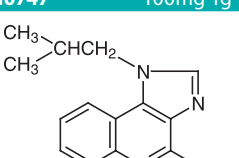
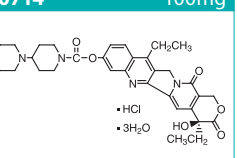
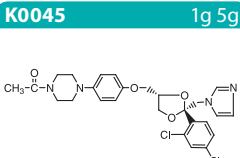
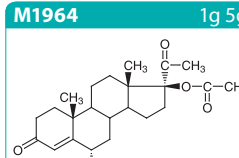
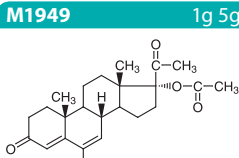
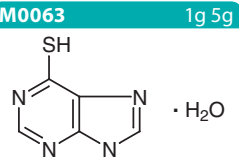
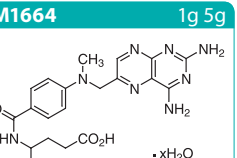
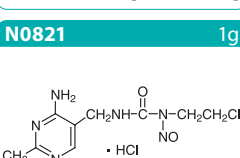
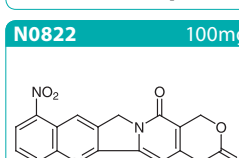
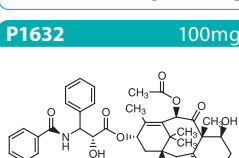
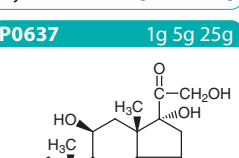
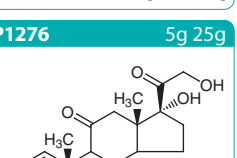
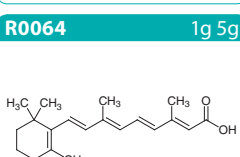
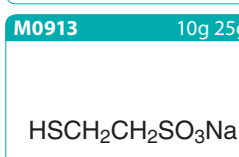
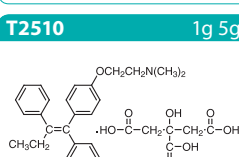
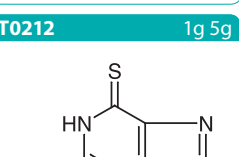
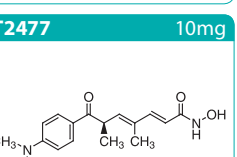
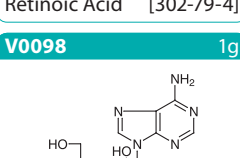
Antivirals



抗肿瘤类

Antitumors



C2243 1g  Gimeracil [103766-25-2]	D3634 1g 5g  Dacarbazine [4342-03-4]	D3579 1g 5g  5'-Deoxy-5-fluorouridine [3094-09-5]	D1961 1g  Dexamethasone [50-02-2]	D3371 100mg  Cisplatin [15663-27-1]
E0781 100mg 1g  7-Ethylcamptothecin [78287-27-1]	E0748 100mg 1g  7-Ethyl-10-hydroxycamptothecin [86639-52-3]	E0675 100mg  Etoposide (contains ca. 5% Ethanol) [33419-42-0]	F0151 5g 25g  5-Fluorouracil [51-21-8]	F0635 5g 25g  Tegafur [17902-23-7]
F0663 5g 25g  Flutamide [13311-84-7]	G0334 10mg  Geldanamycin [30562-34-6]	H0310 5g 25g  Hydroxyurea [127-07-1]	I0747 100mg 1g  Imiquimod [99011-02-6]	I0714 100mg  Irinotecan Hydrochloride Trihydrate [136572-09-3]
K0045 1g 5g  Ketoconazole [65277-42-1]	M1964 1g 5g  Medroxyprogesterone Acetate [71-58-9]	M1949 1g 5g  Megestrol Acetate [595-33-5]	M0063 1g 5g  6-Mercaptopurine Hydrate [6112-76-1]	M1664 1g 5g  Methotrexate Hydrate [59-05-2]
N0821 1g  Nimustine Hydrochloride [55661-38-6]	N0822 100mg  Rubitecan [91421-42-0]	P1632 100mg  Paclitaxel [33069-62-4]	P0637 1g 5g 25g  Prednisolone [50-24-8]	P1276 5g 25g  Prednisone [53-03-2]
R0064 1g 5g  Retinoic Acid [302-79-4]	M0913 10g 25g  Mesna [19767-45-4]	T2510 1g 5g  Tamoxifen Citrate [54965-24-1]	T0212 1g 5g  6-Thioguanine [154-42-7]	T2477 10mg  Trichostatin A [58880-19-6]
V0098 1g  Vidarabine Monohydrate [24356-66-9]				

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