

Hits Prestwick

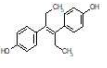
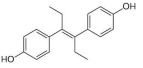
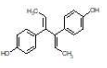
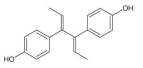
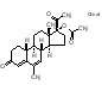
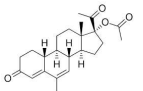
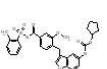
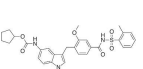
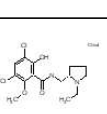
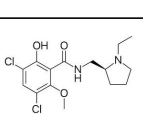


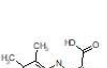
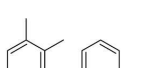

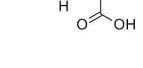

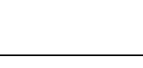
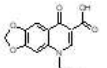
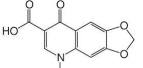


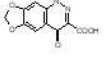
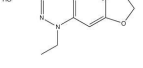
Notebook: Lab_notebook_Sarah


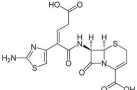
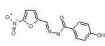
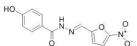

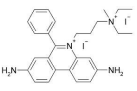
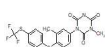
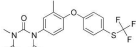
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Author: Sarah Haggemueller

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Number	Position	Name	Structural formular_PCL	Structural formular_internet	Class	Effect	Mechanism of action	OD_low_Ara	OD_high_Ara	Chemical form
756	10D07	Diethylstilbestrol			Endocrinology		agonist of both of the estrogen receptors (ERs)	0.0041	0.135	C18H20O2
798	10H09	Dienestrol			Endocrinology		agonist of both of the estrogen receptors (ERs)	1E-04	0.125	C18H20O2
1033	13H04	Nomegestrol acetate			Endocrinology	Contraceptive	agonist of the progesterone receptor	0.0505	0.1052	C23H34O3
603	08E04	Zafirlukast			Respiratory	Antiasthmatic	leukotriene receptor antagonist (LTRA)	0.0582	0.2094	C31H37FO4
479	06H10	Raclopride			Central Nervous System		selective antagonist on D2 dopamine receptors	0.0689	0.1045	C15H17ClN2O2
54	01F05	Mefenamic acid			Central Nervous System	Analgesic	Cyclooxygenase-Inhibitor May inhibit chemotaxis, may alter lymphocyte activity, decrease proinflammatory cytokine activity, and may inhibit neutrophil aggregation. These effects may contribute to its anti-inflammatory activity	0.0382	0.1203	C15H13NO2
193	03D04	Oxolinic acid			Metabolism	Antibacterial	Quinolone inactivating bacterial DNA gyrase (type II topoisomerase).	0.0045	0.1077	C13H11NO4
780	10F11	Cinoxacin			Metabolism	Antibacterial	Quinolone Inhibits DNA-Gyrase or Topoisomerase	0.0135	0.1057	C12H9ClNO3
318	04H09	Quinacrine dihydrochloride hydrate			Infectiology	Anthelmintic	similar to chloroquine inhibitor of phospholipase A2	0.0186	0.1626	C20H19N5
720	09H11	Cefuroxime sodium salt			Infectiology	Antibacterial	β-lactam interfere with the peptidoglycan synthesis	0.0033	0.1208	C16H15N5O7S2
1118	14H09	Cefepime hydrochloride			Infectiology	Antibacterial	β-lactam inhibits cell-wall-synthesis	0	0.1106	C19H22N4O6S2
1250	16E11	Cefpodoxime proxetil			Infectiology	Antibacterial	β-lactam inhibition of bacterial cell wall synthesis	0.0023	0.1551	C21H26N4O6S2

1274	16H05	Ceftibuten			Infectiology	Antibacterial	β -lactam inhibition of cell-wall synthesis	0.0033	0.1252	C15I
555	07H06	Nifuroxazide			Infectiology	Antibacterial	inhibits the constitutive phosphorylation of STAT3	0.0482	0.1105	C12I
792	10H03	Propidium iodide			Infectiology	Antibacterial	binds to DNA, used for staining	0.03	0.1955	C27I
1100	14F11	Toltrazuril			Infectiology	Anticoccidial		0.0283	0.1597	C18I