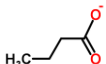
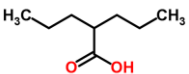
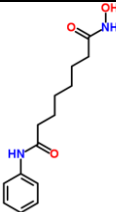
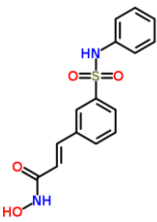
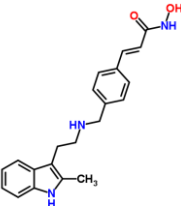
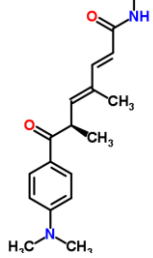
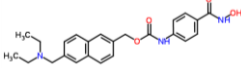
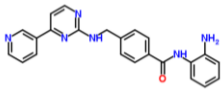
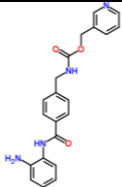
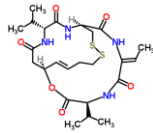
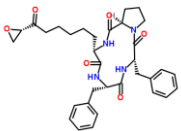


Table 1 Selected Histone Deacetylase Inhibitors

Name	Chemical Class	Formula	Target	Number AML Trials	
				Open/Total	+ Azacytidine Open/Total
Phenylbutyrate	Short fatty acid chain		Pan-inhibitor	0/6	0
Valproic acid	Short fatty acid chain		Class I/IIa	5/14	1/7
Vorinostat (SAHA)	Hydroamic acid		Pan-inhibitor	8/25	2/4
Belinostat (PXD101)	Hydroamic acid		Pan-inhibitor	1/4	0/1
Panobinostat (LBH589)	Hydroamic acid		Pan-inhibitor	7/11	2/3

Trichostatin A	Hydroamic acid		Pan-inhibitor	0	0
Givinostat (ITF2375)	Hydroamic acid		Pan-inhibitor	0	0
Mocetinostat (MGCD0103)	Benzamide		Class I/IV	0/3	0/1
Entinostat (MS275-SNDX275)	Benzamide		Class I	2/7	1/3
Romidepsin (Depsipeptide)	Cyclic tetrapeptide		Class I	0/5	0/1
Trapoxin B	Cyclic tetrapeptide		Class I/IIa	0	0

Chemical structures from <http://www.chemspider.com>