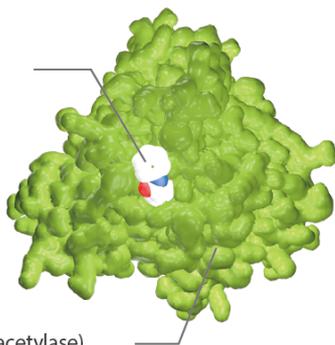


Adenosine Deaminase

HDAC Inhibitor:
Vorinostat (SAHA)

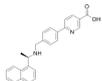


HDAC (Histone deacetylase)

breakdown, stimulates release of excitatory amino acids and is necessary to the coupling of A1 adenosine receptors and heterotrimeric G proteins.

Adenosine deaminase (ADA) is an enzyme involved in purine metabolism. It is needed for the breakdown of adenosine from food and for the turnover of nucleic acids in tissues. Present in virtually all mammalian cells, its primary function in humans is the development and maintenance of the immune system. Adenosine deaminase is considered one of the key enzymes of purine metabolism. Adenosine deaminase in humans is involved in the development and maintenance of the immune system. However, Adenosine deaminase association has also been observed with epithelial cell differentiation, neurotransmission, and gestation maintenance. It has also been proposed that Adenosine deaminase, in addition to adenosine

Adenosine Deaminase Inhibitors & Modulators

Adenosine deaminase Cat. No.: HY-114175	AMPD2 inhibitor 1 Cat. No.: HY-103673
Bioactivity: Adenosine deaminase is an enzyme that catalyzes the irreversible deamination of adenosine and 2'-deoxyadenosine to inosine and 2'-deoxyinosine, respectively.	Bioactivity: AMPD2 inhibitor 1 is an adenosine monophosphate deaminase 2 (AMPD2) inhibitor, used in the research of sugar craving, salt craving, umami craving, and addictions including drug, tobacco, nicotine and alcohol addictions.
Purity: >98% Clinical Data: No Development Reported Size: 1 mg	Purity: >98% Clinical Data: No Development Reported Size: 250 mg, 500 mg
Adenosine deaminase 	
Cladribine (2-Chloro-2'-deoxyadenosine; CldAdo; 2CdA) Cat. No.: HY-13599	Pentostatin (CI-825; Deoxycoformycin) Cat. No.: HY-A0006
Bioactivity: Cladribine is an adenosine deaminase inhibitor used to treat hairy cell leukemia and multiple sclerosis.	Bioactivity: Pentostatin is an irreversible inhibitor of adenosine deaminase with K_i of 2.5 pM.
Purity: 99.89% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 10 mg, 50 mg, 100 mg	Purity: 99.69% Clinical Data: Launched Size: 10mM x 1mL in DMSO, 10 mg, 50 mg
	