AdipoGen® LIFE SCIENCES

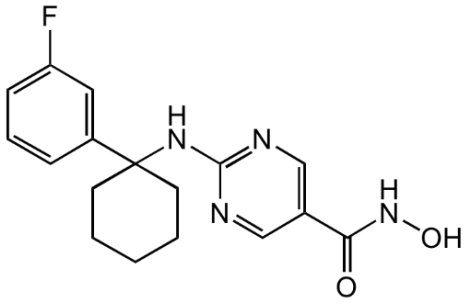
Standard & Innovative Biochemicals From the Manufacturer

HDAC & HAT Modulators

Histone acetylation and deacetylation regulate the chromatin structure and gene activation. Histone acetylation is catalyzed by histone acetyltransferases (HATs) and associated with transcriptional activation, whereas histone deacetylation is mediated by histone deacetylases (HDACs) and correlated with chromatin condensation and transcriptional repression. Both of these processes play crucial roles in various biological functions, including cell growth, differentiation, and apoptosis. Their dynamic balance plays a crucial role in various biological functions, including cell proliferation and death. Dysregulation of these pathways contributes to human cancer development. Several studies have indicated that HDAC and HAT inhibitors, compounds that interfere with the function of HDAC or HAT, exhibit antitumor activity against various tumor cells by blocking cell cycle progression and inducing apoptosis.

Highlights

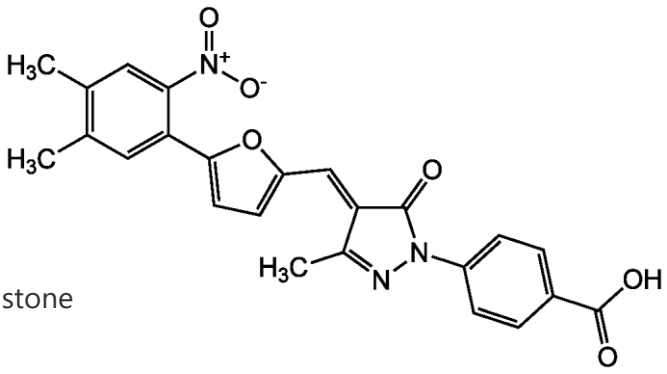
ACY-775



PID: AG-CR1-3903
Formula: $C_{17}H_{19}FN_4O_2$
MW: 330.4
CAS: 1375466-18-4

Description: Cell permeable, potent and selective class IIb HDAC6 inhibitor (IC_{50} =7.5nM). Displays high selectivity over HDAC1-9 (IC_{50}=1-10μM).

C646



PID: AG-CR1-3508
Formula: $C_{24}H_{19}N_3O_6$
MW: 445.4
CAS: 328968-36-1

Description: Reversible cell permeable p300/CBP histone acetyltransferase (HAT) inhibitor.

High Quality Biochemicals from Stock

Continued on the Back →

HDAC & HAT Inhibitors

PRODUCT NAME	PID	CAS	TARGET
ACY-775	AG-CR1-3903	1375466-18-4	HDAC6
Anacardic acid	AG-CR1-0046	16611-84-0	p300/CBP, PCAF, GCN5 (HATs)
Apicidin	AG-CN2-0087	183506-66-3	pan-HDAC
Butyrolactone 3	AG-CR1-3522	778649-18-6	GCN5 (HAT)
C646	AG-CR1-3508	328968-36-1	p300/CBP (HAT)
Curcumin (high purity)	AG-CN2-0059	458-37-7	p300/CBP (HAT), pan-HDAC
DABPH	AG-CR1-3906	1392835-67-4	HDAC6
DMAPB	AG-CR1-3904	827036-76-0	HDAC6
(-)-Epigallocatechin gallate	AG-CN2-0063	989-51-5	PCAF, p300/CBP (HATs)
(R)-3-Hydroxybutyric acid	AG-CR1-3616	625-72-9	HDAC1, 3, 4
(S)-3-Hydroxybutyric acid	AG-CR1-3617	6168-83-8	HDAC1, 3 ,4
MBIMPH	AG-CR1-3907	1392835-53-8	HDAC6
MBIMPH F-Analog 1 . HCl	AG-CR1-3908	N/A	HDAC6
MBIMPH F-Analog 2	AG-CR1-3909	N/A	HDAC6
MPI 5a	SYN-3040	1259296-46-2	HDAC6
MS-275	AG-CR1-0032	209783-80-2	HDAC1
Nexturastat A	AG-CR1-3901	1403783-31-2	HDAC6
Nexturastat B	AG-CR1-3902	1648893-33-7	HDAC6
Parthenolide	AG-CN2-0455	20554-84-1	HDAC1
PMPH	AG-CR1-3905	1392835-64-1	HDAC6
8-Prenylnaringenin	AG-CN2-0525	53846-50-7	pan-HDAC
Psammaplin A	AG-CN2-0088	110659-91-1	HDAC1, 3, 6
PTACH [NCH 51]	AG-CR1-3667	848354-66-5	HDAC1, 4, 6
Quisinostat	SYN-3029	875320-29-9	pan-HDAC (HDAC1, 2, 4, 10, 11)
Splitomicin	AG-CR1-0088	5690-03-9	Yeast HDAC (Sir2p)
Trichostatin A (synthetic)	AG-CN2-0523	58880-19-6	HDAC1, 3, 6
Tubastatin A	AG-CR1-3900	1252003-15-8	HDAC6, (HDAC8)
Vorinostat	SYN-3006	149647-78-9	HDAC1, 2, 3, 6

EUROPE/REST OF WORLD
AdipoGen Life Sciences
TEL +41-61-926-60-40
FAX +41-61-926-60-49
info@adipogen.com

NORTH & SOUTH AMERICA
Adipogen Corp.
TEL +1-858-457-8383
FAX +1-858-457-8484
info-us@adipogen.com

For local distributors please visit our website.