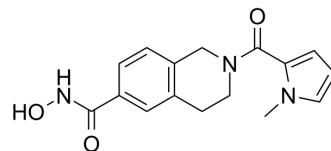


MPI_5a

Cat. No.:	HY-113957
CAS No.:	1259296-46-2
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₃
Molecular Weight:	299.32
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

MPI_5a is a potent and selective HDAC6 inhibitor (IC₅₀=36 nM). MPI_5a weakly inhibits other HDAC isoforms. MPI_5a inhibits acyl-tubulin accumulation in cells with an IC₅₀ value of 210 nM^[1].

REFERENCES

[1]. Blackburn C, et al. Potent histone deacetylase inhibitors derived from 4-(aminomethyl)-N-hydroxybenzamide with high selectivity for the HDAC6 isoform. *J Med Chem.* 2013 Sep 26;56(18):7201-11.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA