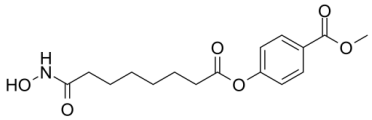
Data Sheet

Product Name:	Remetinostat
Cat. No.:	CS-0018698
CAS No.:	946150-57-8
Molecular Formula:	$C_{16}H_{21}NO_6$
Molecular Weight:	323.34
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Solubility:	DMSO : 150 mg/mL (463.91 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Remetinostat (SHP-141) is a hydroxamic acid-based inhibitor of **histone deacetylase enzymes (HDAC)** which is under development for the treatment of cutaneous T-cell lymphoma[1]. IC50 & Target: HDAC[1].

References:

[1]. Yijun Deng, et al. Process Development of the Soft Histone Deacetylate Enzyme Inhibitor SHP-141: Acylation of Methyl Paraben and Suberyl Hydroxamic Acid Formation. Org. Process Res. Dev. 2016, 20, 10, 1812-1820.

CAIndexNames:

Benzoic acid, 4-[[8-(hydroxyamino)-1,8-dioxooctyl]oxy]-, methyl ester

SMILES:

O=C(OC)C1=CC=C(OC(CCCCCCC(NO)=O)=O)C=C1

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

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