

Nexturastat A

Catalog No: tcsc3268



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1403783-31-2

Formula:

$C_{19}H_{23}N_3O_3$

Pathway:

Epigenetics;Cell Cycle/DNA Damage

Target:

HDAC;HDAC

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 56 mg/mL (164.03 mM)

Observed Molecular Weight:

341.4

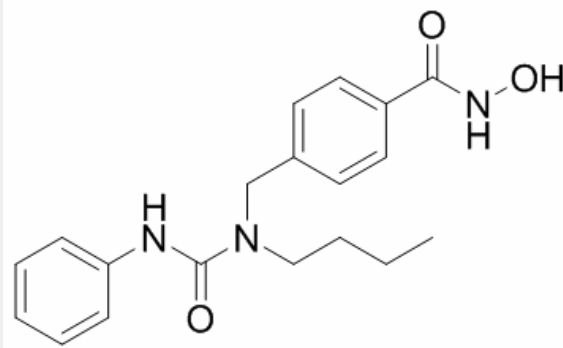
Product Description

Nexturastat A is a potent and selective HDAC6 inhibitor with IC₅₀ of 5 nM; no inhibition on other HDAC forms.

IC₅₀ value: 5 nM [1]

Target: HDAC6 inhibitor

Nexturastat A displayed low micromolar activity compared to the low nanomolar activity against HDAC6. Moreover, it also demonstrated high levels of selective inhibition against members of the related Class 2 HDAC isozymes reaching >1000-fold selective in some cases. Compared to the pan-selective HDACI LBH589, Nexturastat A is approximately 100-fold less potent in inducing murine B16 melanoma cell death.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!