

OSS_128167

Catalog No: tcsc0028514



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

887686-02-4

Formula:

$C_{19}H_{14}N_2O_6$

Pathway:

Epigenetics;Cell Cycle/DNA Damage

Target:

Sirtuin;Sirtuin

Purity / Grade:

>98%

Solubility:

DMSO : 103.3 mg/mL (281.99 mM; Need ultrasonic and warming)

Observed Molecular Weight:

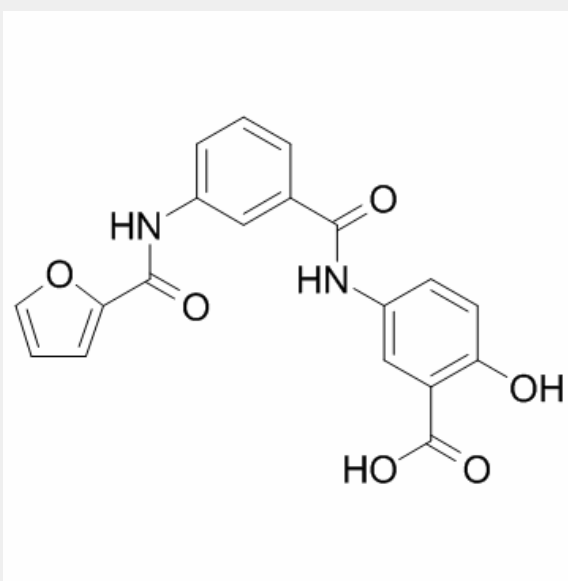
366.32

Product Description

OSS_128167 is a selective **SIRT6** inhibitor with **IC₅₀**s of 89, 1578 and 751 μ M for **SIRT6**, **SIRT1** and **SIRT2**, respectively.

IC50 & Target: IC50: 89 μ M (SIRT6), 1578 μ M (SIRT1), 751 μ M (SIRT2)^[1]

In Vitro: OSS_128167 is a selective SIRT6 inhibitor with IC₅₀s of 89, 1578 and 751 μ M for SIRT6, SIRT1 and SIRT2, respectively. OSS_128167 inhibits SIRT6 in the micromolar range, but shows promising selectivity, since its IC₅₀ value for SIRT6 is approximately 17 times lower compare to the IC₅₀ for SIRT1 and 9 times lower compare to SIRT2^[1]. OSS_128167 (200 μ M) induces chemosensitization in primary multiple myeloma (MM) cells (NCI-H929), as well as in melphalan-resistant (LR-5) and doxorubicin-resistant (Dox40) MM cell lines^[2].



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