



OSS_128167

Catalog No: tcsc0028514

Available Sizes	
Size: 5mg	
Size: 10mg	
Size: 50mg	
Size: 100mg	
Specifications	
CAS No: 887686-02-4	
Formula: $C_{19}^{H}_{14}^{N}_{2}^{O}_{6}$	
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:	

Product Description

366.32

OSS_128167 is a selective **SIRT6** inhibitor with IC_{50} 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 IC $_{50}$ s 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 IC $_{50}$ value for SIRT6 is approximately 17 times lower compare to the IC $_{50}$ 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!