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Product Datasheet

OSS-128167, CAS [[887686-02-4]] FBM-10-5197

Artikelname	OSS-128167, CAS [[887686-02-4]]
Artikelnummer	FBM-10-5197
Hersteller Artikelnummer	10-5197
Alternativnummer	FBM-10-5197-5MG, FBM-10-5197-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SIRT6 inhibitor...
Molekulargewicht	366.66
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[887686-02-4]
Formel	C19H14N2O6

Anwendungsbeschreibung	OSS-128167 (887686-02-4) is an inhibitor of SIRT6 (IC₅₀=89 μM) showing selectivity over SIRT1 and SIRT2 (IC₅₀s=1,578 and 751 μM, respectively).¹ In diffuse large B-cell lymphoma cells which overexpress SIRT6, treatment with OSS-128167 resulted in higher rates of apoptosis, arrested cell cycle progression and augmented sensitivity to chemotherapy.² It exacerbates diabetic cardiomyopathy by aggravating inflammation and oxidative stress in a streptozotocin-induced diabetic mouse model³ and delays peripheral nerve recovery after injury by suppressing migration, phagocytosis and M2-polarization of macrophages⁴. OSS-128167 promotes cell senescence and aging in myocardial H9c2 cells.⁵
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