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Product Datasheet

OSS-128167

FBM-10-5197

Article Name	OSS-128167
Biozol Catalog Number	FBM-10-5197
Supplier Catalog Number	10-5197
Alternative Catalog Number	FBM-10-5197-5MG,FBM-10-5197-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SIRT6 inhibitor...
Molecular Weight	366.66
Purity	>98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[887686-02-4]
Formula	C19H14N2O6
Application Notes	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