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## Product Datasheet

**OSS-128167, CAS [[887686-02-4]]**

**FBM-10-5197**

Article Name	OSS-128167, CAS [[887686-02-4]]
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). <sup>1</sup> 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. <sup>2</sup> It exacerbates diabetic cardiomyopathy by aggravating inflammation and oxidative stress in a streptozotocin-induced diabetic mouse model <sup>3</sup> and delays peripheral nerve recovery after injury by suppressing migration, phagocytosis and M2-polarization of macrophages <sup>4</sup> . OSS-128167 promotes cell senescence and aging in myocardial H9c2 cells. <sup>5</sup>