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Product Datasheet

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

FBM-10-5197

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| 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 | <p>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</p> |