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Product Datasheet

Tubastatin A HCl, CAS [[1310693-92-5]] FBM-10-4530

Artikelname	Tubastatin A HCl, CAS [[1310693-92-5]]
Artikelnummer	FBM-10-4530
Hersteller Artikelnummer	10-4530
Alternativnummer	FBM-10-4530-5MG, FBM-10-4530-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	HDAC-6 inhibitor...
Molekulargewicht	371.86
Reinheit	99% by HPLC, NMR (Conforms)
Formulierung	solid
CAS Nummer	[1310693-92-5]
Formel	C20H22N3O2 HCl
Anwendungsbeschreibung	Tubastatin A is a potent and highly selective inhibitor of HDAC6 (IC50 = 15 nM, >1000-fold selectivity against other HDAC isoforms, approx. 60-fold versus HDAC8). ¹ It displayed anti-inflammatory and anti-rheumatic effects in Freund's competitive adjuvant induced animal model of inflammation. ² Tubastatin A inhibited TNF-alpha (IC50 = 272 nM) and IL-6 (IC50 = 712 nM) in LPS stimulated human THP-1 macrophages. ² Tubastatin A has also been shown to have therapeutic potential for treatment of Alzheimer's disease via altered amyloid-beta load and reduced tau hyperphosphorylation. ^{3,4,5}