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Product Datasheet

Scriptaid, CAS [[287383-59-9]] FBM-10-2712

Article Name	Scriptaid, CAS [[287383-59-9]]
Biozol Catalog Number	FBM-10-2712
Supplier Catalog Number	10-2712
Alternative Catalog Number	FBM-10-2712-5MG,FBM-10-2712-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HDAC inhibitor...
Molecular Weight	326.35
Purity	98% by TLC NMR (conforms)
Form	White solid
CAS Number	[287383-59-9]
Formula	C18H18N2O4
Application Notes	Inhibits histone deacetylases (HDAC) 1 and 3 (IC50~0.6 M) and HDAC8 (IC50~1 M) and is less toxic compared to trichostatin A. ^{1,2} Induces cell cycle arrest and epigenetic changes in colon cancer cells. ³ Together with DRB-inhibition of RNA synthesis, scriptaid enhances gene reprogramming in somatic cell nuclear transfer (SCNT) embryos. ⁴ Increases exercise endurance in mice. ⁵