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Product Datasheet

Santacruzamate A, CAS [[1477949-42-0]]

FBM-10-3613

Article Name	Santacruzamate A, CAS [[1477949-42-0]]
Biozol Catalog Number	FBM-10-3613
Supplier Catalog Number	10-3613
Alternative Catalog Number	FBM-10-3613-5MG, FBM-10-3613-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HDAC2 inhibitor...
Molecular Weight	278.35
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1477949-42-0]
Formula	C15H22N2O3
Application Notes	A highly potent and selective inhibitor of HDAC2 isolated from the Panamanian marine cyanobacterium cf. <i>Symploca</i> (IC50=0.119 and 434 nM for HDAC2 and HDAC6 respectively). ¹ Induces apoptosis and cancer cell death only in combination with other HDAC1 inhibitors. ² Potential therapeutic agent for breast cancer. ³ Attenuates A fragment (A25-35)-induced toxicity in PC12 cells by enhancing ER stress tolerance. ⁴ Ameliorates Alzheimers disease-like pathology in mouse models. ⁴