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Product Datasheet

CUDC-101, CAS [[1012054-59-9]] FBM-10-2491

Article Name	CUDC-101, CAS [[1012054-59-9]]
Biozol Catalog Number	FBM-10-2491
Supplier Catalog Number	10-2491
Alternative Catalog Number	FBM-10-2491-5MG, FBM-10-2491-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dual HDAC and EGFR inhibitor...
Molecular Weight	434.49
Purity	99% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[1012054-59-9]
Formula	C ₂₄ H ₂₆ N ₄ O ₄
Application Notes	A novel hybrid dual-acting HDAC and receptor tyrosine kinase inhibitor. It is a potent HDAC inhibitor which also inhibits EGFR and HER2, IC ₅₀ = 4.4, 2.4 and 15.7 nM respectively. ¹ It not only blocks EGFR and HER2 but also attenuates multiple compensatory pathways such as AKT, HER3 and MET which enable tumor cells to escape the effects of conventional EGFR/HER2 inhibitors. ^{1,2}