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Product Datasheet

TASIN-1, CAS [[1678515-13-3]] FBM-10-4890

Article Name	TASIN-1, CAS [[1678515-13-3]]
Biozol Catalog Number	FBM-10-4890
Supplier Catalog Number	10-4890
Alternative Catalog Number	FBM-10-4890-5MG, FBM-10-4890-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selectively induces apoptosis in cells with APC truncations...
Molecular Weight	388.95
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[1678515-13-3]
Formula	C18H28N2O3SHCl
Application Notes	Selectively induces apoptosis in cells with truncations in the adenomatous polyposis coli (APC) gene (but not normal cells or wild type cancer cells), an important multifunctional tumor suppressor gene. ¹ IC50 = 70nM for DLD1 cell line. It inhibited cancer cell growth in human tumor xenografts (DLD1 and HT29 tumors) and a genetically engineered mouse model (CPC,Apc) of colorectal cancer. TASIN-1 induces ER stress-dependent JNK activation with ROS production and AKT inhibition via cholesterol depletion. ²