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Product Datasheet

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

Artikelname	TASIN-1, CAS [[1678515-13-3]]
Artikelnummer	FBM-10-4890
Hersteller Artikelnummer	10-4890
Alternativnummer	FBM-10-4890-5MG,FBM-10-4890-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Selectively induces apoptosis in cells with APC truncations...
Molekulargewicht	388.95
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[1678515-13-3]
Formel	C18H28N2O3SHCl
Anwendungsbeschreibung	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