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Product Datasheet

NAcM-OPT, CAS [[2089293-61-6]] FBM-10-1636

Artikelname	NAcM-OPT, CAS [[2089293-61-6]]
Artikelnummer	FBM-10-1636
Hersteller Artikelnummer	10-1636
Alternativnummer	FBM-10-1636-5MG,FBM-10-1636-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	NEDD8 ligation inhibitor...
Molekulargewicht	434.40
Reinheit	98% by HPLC/TLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[2089293-61-6]
Formel	C23H29Cl2N3O
Anwendungsbeschreibung	A potent and selective NEDD8 ligation inhibitor, IC ₅₀ =80 nM (in vitro). ¹ It inhibits the N-terminal acetyl-dependent interaction between the E2 conjugating enzyme UBE2M/UBC12 and DCN1, a subunit of a multiprotein E3 ligase for the ubiquitin-like protein NEDD8, an interaction which is essential for assembly of the multiprotein ligation complex. ² NAcM-OPT inhibits NEDD8 ligation in vitro and in cells (IC ₅₀ =10 µM) and suppresses anchorage-independent growth of HCC95 cells and is highly selective with respect to other N-terminal acetyl protein binding sites. ¹