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Product Datasheet

ML792 FBM-10-4985

Artikelname	ML792
Artikelnummer	FBM-10-4985
Hersteller Artikelnummer	10-4985
Alternativnummer	FBM-10-4985-5MG,FBM-10-4985-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SUMO-activating enzyme (SAE) inhibitor...
Molekulargewicht	551.42
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1644342-14-2]
Formel	C21H23BrN6O5S

Anwendungsbeschreibung	ML792 is a potent (IC_{50}s = 3 nM SUMO1, 11 nM SUMO2) and selective (IC_{50} = 32 μM for NEDD8-activating enzyme (NAE)) mechanism-based inhibitor of SUMO-activating enzyme (SAE).¹ Treatment of multiple cancer cell lines led to failure of mitotic progression and induction of endoreduplication with MYC-amplified cell lines showing higher sensitivity. ML792 inhibited B-cell growth and promoted cell death in Epstein-Barr virus (EBV)-positive B cells and nasopharyngeal carcinoma cells. It also modulated Latent Membrane Protein-1-induced cell migration and cell adhesion suggesting therapeutic potential in treating EBV-associated malignancies.²
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