

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

ML792, CAS [[1644342-14-2]]

FBM-10-4985

Article Name	ML792, CAS [[1644342-14-2]]
Biozol Catalog Number	FBM-10-4985
Supplier Catalog Number	10-4985
Alternative Catalog Number	FBM-10-4985-5MG,FBM-10-4985-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SUMO-activating enzyme (SAE) inhibitor...
Molecular Weight	551.42
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1644342-14-2]
Formula	C ₂₁ H ₂₃ BrN ₆ O ₅ S
Application Notes	<p>ML792 is a potent (IC₅₀s = 3 nM SUMO1, 11 nM SUMO2) and selective(IC₅₀ = 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</p>