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Product Datasheet

ML241 FBM-10-1555

Article Name	ML241
Biozol Catalog Number	FBM-10-1555
Supplier Catalog Number	10-1555
Alternative Catalog Number	FBM-10-1555-5MG,FBM-10-1555-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	p97 AAA ATPase inhibitor...
Molecular Weight	372.46
Purity	98% by HPLC NMR (conforms)
Form	Pale yellow solid
CAS Number	[1346528-06-0]
Formula	C ₂₃ H ₂₄ N ₄ O
Application Notes	Potent and selective p97 AAA ATPase inhibitor, IC ₅₀ =100 nM. Inhibits degradation of a p97-dependent but not p97-independent proteasome substrate in a dual-reporter cell line ¹ . It impairs the endoplasmic reticulum-associated degradation (ERAD) pathway. ¹ ML241 and related inhibitors (DBeQ for example) have differential responses to p97 mutants as well as the presence of cofactors suggesting the possibility of context-dependent p97 inhibitors. ^{2,3}