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Product Datasheet

HRO761, CAS [[2869954-34-5]] **FBM-10-3981**

Article Name	HRO761, CAS [[2869954-34-5]]
Biozol Catalog Number	FBM-10-3981
Supplier Catalog Number	10-3981
Alternative Catalog Number	FBM-10-3981-5MG,FBM-10-3981-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	WRN helicase allosteric inhibitor...
Molecular Weight	702.09
Purity	>98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[2869954-34-5]
Formula	C31H31ClF3N9O5
Application Notes	HRO761 is a potent (IC ₅₀ = 9 nM), selective, non-covalent, and allosteric inhibitor of Werner syndrome RecQ helicase (WRN). ¹ It binds to the D1 and D2 helicase domain interface locking it into the inactive state. HRO761 selectively inhibits microsatellite instable (MSI) cancer cells in vitro and in vivo via double-stranded DNA breaks, activation of the DDR, and induction of WRN degradation. It displayed synergistic effects with irinotecan in colorectal cancer cells.