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Product Datasheet

MLN4924, CAS [[905579-51-3]] FBM-10-1311

Article Name	MLN4924, CAS [[905579-51-3]]
Biozol Catalog Number	FBM-10-1311
Supplier Catalog Number	10-1311
Alternative Catalog Number	FBM-10-1311-1MG, FBM-10-1311-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nedd8 activating enzyme inhibitor...
Molecular Weight	443.53
Purity	98% by TLC, NMR conforms
Form	White solid
CAS Number	[905579-51-3]
Formula	C21H25N5O4S
Application Notes	MLN4924 is a potent and selective NEDD8-activating enzyme (NAE) inhibitor. ¹ It disrupts cullin-RING ligase-mediated protein turnover leading to apoptosis in human tumor cells. Suppresses the growth of human tumor xenografts in mice. ² Upregulates PD-L1 expression and enhances the efficacy of immune checkpoint blockade in glioblastoma. ³ Modulates tumor microenvironment. ⁴ Blocks the neddylation of the DNA endonuclease CtIP, which promotes HDR in Cas9- and Cpf1-mediated gene editing. Part of the CRISPY mix for increasing precise gene editing. ⁵ Cell permeable.