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Product Datasheet

P22077, CAS [[1247819-59-5]] **FBM-10-4125**

Article Name	P22077, CAS [[1247819-59-5]]
Biozol Catalog Number	FBM-10-4125
Supplier Catalog Number	10-4125
Alternative Catalog Number	FBM-10-4125-10MG,FBM-10-4125-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	USP7 inhibitor...
Molecular Weight	315.32
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[1247819-59-5]
Formula	C12H7F2NO3S2
Application Notes	P22077 is a selective (tested against 23 other DUBs) inhibitor of USP7 (IC50 = 8 µM) and the closely related USP47.1,2 It destabilizes claspins, a scaffolding protein involved in regulating Chk1 kinase, a DNA damage response enzyme.2 P22077 inhibits neuroblastoma growth via induction of p53-mediated apoptosis.3 N-Myc was destabilized by P22077 inhibition of USP7 in human neuroblastoma cells.4 It was able to stabilize p53 levels in conjunction with an Mdm2 inhibitor (Nutlin-3, Cat 10-1350) in HCT116 colorectal carcinoma cells.5