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Product Datasheet

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

Artikelname	P22077, CAS [[1247819-59-5]]
Artikelnummer	FBM-10-4125
Hersteller Artikelnummer	10-4125
Alternativnummer	FBM-10-4125-10MG,FBM-10-4125-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	USP7 inhibitor...
Molekulargewicht	315.32
Reinheit	98% by HPLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1247819-59-5]
Formel	C12H7F2NO3S2
Anwendungsbeschreibung	P22077 is a selective (tested against 23 other DUBs) inhibitor of USP7 (IC₅₀ = 8 µM) and the closely related USP47.^{1,2} It destabilizes claspin, 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