

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

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 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