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Product Datasheet

iBAP-II, CAS [[1013813-81-4]]

FBM-10-4038

Article Name	iBAP-II, CAS [[1013813-81-4]]
Biozol Catalog Number	FBM-10-4038
Supplier Catalog Number	10-4038
Alternative Catalog Number	FBM-10-4038-5MG, FBM-10-4038-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BAP1 deubiquitinase inhibitor...
Molecular Weight	308.33
Purity	>98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1013813-81-4]
Formula	C18H16N2O3
Application Notes	Inhibitor of the H2AK119 deubiquitinase BAP1 (IC50 = 0.092 µg/ml). It is selective for BAP1 over UCHL5, USP5,7,8, TNFAIP3-catalytic domain, USP2-catalytic domain, Otubain-1, and Ataxin3. iBAP-II disrupted the BAP1/ASXL3/BRD4 axis via induction of protein degradation of the ASXL3 scaffold protein in the small cell lung cancer lines NCI-H1963, NCI-H748, and NCI-H1882. It also suppressed expression of the master transcription factor ASCL1 in NCI-H1963 small cell lung cancer cells. iBAP-II significantly delayed disease progression in a small cell lung cancer xenograft mouse model.