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Product Datasheet

GSK2830371, CAS [[1404456-53-6]] **FBM-10-4180**

Article Name	GSK2830371, CAS [[1404456-53-6]]
Biozol Catalog Number	FBM-10-4180
Supplier Catalog Number	10-4180
Alternative Catalog Number	FBM-10-4180-5MG, FBM-10-4180-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	WIP1 phosphatase inhibitor...
Molecular Weight	461.02
Purity	97% by HPLC NMR (Conforms)
Form	Tan solid
CAS Number	[1404456-53-6]
Formula	C23H29ClN4O2S
Application Notes	Potent allosteric inhibitor of WIP1 phosphatase (IC50 = 6 nM), a negative regulator of the DNA damage response. ¹ It displayed no inhibition of 21 other phosphatases. Active in xenograft model DoHH2 B-cell lymphoma. GSK2830371 in combination with MDM2 inhibitors has been shown to be efficacious in the treatment of various cancers including liver adenocarcinoma ² , acute myeloid leukemia ³ , and breast ⁴ . It enhances phosphorylation of the tumor suppressor p53 leading to activation. ^{5,6}