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Product Datasheet

GSK-J1, CAS [[1373422-53-7]] FBM-10-1393

Article Name	GSK-J1, CAS [[1373422-53-7]]
Biozol Catalog Number	FBM-10-1393
Supplier Catalog Number	10-1393
Alternative Catalog Number	FBM-10-1393-5MG, FBM-10-1393-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JMJ H3K27 Demethylase inhibitor (Non-cell permeable)...
Molecular Weight	389.46
Purity	99% by TLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[1373422-53-7]
Formula	C22H23N5O2
Application Notes	Potent and selective inhibitor of jumonji H3K27 histone demethylases JMJD3 and UTX (IC50 = 60 nM, human JMJD3). This is the first known inhibitor selective for the H3K27me3-specific JMJD subfamily which binds to the active catalytic site of the enzyme. The COOH group confers cell impermeability and as such is useful as a standard in in vitro assays. A cell permeable ethyl ester analog is also available.