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Product Datasheet

GSK-J4, CAS [[1373423-53-0]] FBM-10-1394

Article Name	GSK-J4, CAS [[1373423-53-0]]
Biozol Catalog Number	FBM-10-1394
Supplier Catalog Number	10-1394
Alternative Catalog Number	FBM-10-1394-5MG,FBM-10-1394-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JMJ H3K27 Demethylase inhibitor (Cell Permeable)...
Molecular Weight	417.48
Purity	99% by TLC, NMR (Conforms)
Form	Yellow waxy solid
CAS Number	[1373423-53-0]
Formula	C ₂₄ H ₂₇ N ₅ O ₂
Application Notes	Histone demethylase JMJD3/UTX inhibitor. Inhibits demethylation of histone H3K27. Reduces LPS-induced proinflammatory cytokine production in primary human macrophages (IC ₅₀ = 9 μM for the inhibition of TNFalpha release). Cell permeable, ethyl ester of GSK J11. Rescues newborn pups from embryonic lethality in BRAF knockin mice which recapitulate major features of RASopathies2.