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Product Datasheet

JIB-04, CAS [[199596-05-9]] FBM-10-1618

Article Name	JIB-04, CAS [[199596-05-9]]
Biozol Catalog Number	FBM-10-1618
Supplier Catalog Number	10-1618
Alternative Catalog Number	FBM-10-1618-5MG, FBM-10-1618-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pan-JUMONJI histone demethylase inhibitor...
Molecular Weight	308.76
Purity	98% by TLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[199596-05-9]
Formula	C17H13ClN4
Application Notes	A novel specific inhibitor of the Jumonji family of histone demethylases in vitro, in cancer cells and in tumors in vivo. IC50 = 230, 340, 435, 445, 855 and 1100 nM for JARID1A, JMJD2E, JMJD2B, JMJD2A, JMJD3 and JMJD2C respectively. Reduces tumor burden and prolongs life in a mouse model. ¹ Suppresses translation initiation and enhances mTOR inhibitor sensitivity. ² Inhibits the growth of temozolomide-resistant glioblastoma cells and crosses the blood brain barrier. ³