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Product Datasheet

iJMJD6, CAS [[899548-78-8]]

FBM-10-4039

Article Name	iJMJD6, CAS [[899548-78-8]]
Biozol Catalog Number	FBM-10-4039
Supplier Catalog Number	10-4039
Alternative Catalog Number	FBM-10-4039-5MG, FBM-10-4039-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Arginine demethylase JMJD6 inhibitor...
Molecular Weight	277.28
Purity	>98% HPLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[899548-78-8]
Formula	C16H11N3O2
Application Notes	Inhibitor of the arginine demethylase JMJD6 (IC50 = 220 nM) with selectivity over other JmjC domain-containing proteins. ¹ Exhibited antiproliferative effects in HeLa (EC50 = 1.49 μM), SMCC7721 (EC50 = 9.37 μM), and MCF7 (EC50 = 9.53 μM) cells. ² Displayed no cytotoxicity towards normal cervical, liver, and breast epithelial cells. iJMJD6 significantly suppressed tumor growth in a HeLa, SMCC7721, MCF7, MDA-MB-231, U87, and HCT116 mouse xenograft models. ²