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Product Datasheet

SP2509, CAS [[1423715-09-6]] FBM-10-4019

Article Name	SP2509, CAS [[1423715-09-6]]
Biozol Catalog Number	FBM-10-4019
Supplier Catalog Number	10-4019
Alternative Catalog Number	FBM-10-4019-5MG,FBM-10-4019-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	LSD1 inhibitor...
Molecular Weight	437.90
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[1423715-09-6]
Formula	C19H20CIN3O5S
Application Notes	Potent (IC ₅₀ = 13 nM) and reversible inhibitor of the histone demethylase LSD1 (KDM1A). ¹ It is inactive against the closely related flavin enzymes MAO A,B as well as lactate dehydrogenase, several CYPs and hERG. LSD1 regulates the balance between self-renewal and differentiation of stem cells and is highly expressed in various cancers. ²⁻⁶ SP2509 promotes autophagy in neuroblastoma cells. ⁷