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Product Datasheet

GSK126, CAS [[1346574-57-9]]

FBM-10-3394

Article Name	GSK126, CAS [[1346574-57-9]]
Biozol Catalog Number	FBM-10-3394
Supplier Catalog Number	10-3394
Alternative Catalog Number	FBM-10-3394-5MG,FBM-10-3394-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	EZH2 methyltransferase inhibitor...
Molecular Weight	526.69
Purity	98% by HPLC/TLC, NMR (Conforms)
Form	Cream colored solid
CAS Number	[1346574-57-9]
Formula	C31H38N6O2
Application Notes	Potent, selective, S-adenosyl-methionine-competitive inhibitor of EZH2 methyltransferase, $K_i=0.5-3$ nM, >150-fold selective for EZH2 over EZH1 and >1000-fold selective over 20 methyltransferases.1 Decreases global H3K27me3 levels and reactivates silenced PRC2 target genes. GSK-126 inhibits proliferation of diffuse large B-cell lymphoma (DLBCL) cell lines as well as DLBCL xenografts in mice.1 Rescues exhausted CD8+ T cells in HCV infection.2 Facilitates the transition of embryonic stem cells to feeder-free extended pluripotent stem cells in combination with a cocktail of other agents.3 Displays neuroprotective effects in ischemic brain injury in a rodent model.4