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Product Datasheet

GSK126, CAS [[1346574-57-9]] FBM-10-3394

Artikelname	GSK126, CAS [[1346574-57-9]]
Artikelnummer	FBM-10-3394
Hersteller Artikelnummer	10-3394
Alternativnummer	FBM-10-3394-5MG,FBM-10-3394-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	EZH2 methyltransferase inhibitor...
Molekulargewicht	526.69
Reinheit	98% by HPLC/TLC, NMR (Conforms)
Formulierung	Cream colored solid
CAS Nummer	[1346574-57-9]
Formel	C31H38N6O2

Anwendungsbeschreibung	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
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