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Product Datasheet

Tazemetostat, CAS [[1403254-99-8]] FBM-10-4032

Artikelname	Tazemetostat, CAS [[1403254-99-8]]
Artikelnummer	FBM-10-4032
Hersteller Artikelnummer	10-4032
Alternativnummer	FBM-10-4032-5MG,FBM-10-4032-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	EZH2 inhibitor...
Molekulargewicht	572.75
Reinheit	98%, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1403254-99-8]
Formel	C34H44N4O4

Anwendungsbeschreibung	<p>Tazemetostat is a potent ($K_i = 2.5\text{nM}$ wild type human PRC2-containing) and selective SAM-competitive inhibitor of the lysine methyltransferase EZH2.¹ Tazemetostat displayed strong antiproliferative effects against SMARCB1-deleted malignant rhabdoid tumor (MRT) cell lines in vitro. This antitumor activity was also observed in SMARCB1 mutant mouse xenografts. It displayed potent antitumor activity in various cancer models including non-Hodgkins lymphoma², pediatric glioma³, small-cell carcinoma of the ovary⁴, and synovial sarcomas⁵. Tazemetostat has also been shown to control inflammatory genes by modulating IRF1, IRF8, and STAT1 levels suggesting therapeutic potential for the treatment of neuroinflammatory diseases associated with microglial activation.⁶</p>
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