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Product Datasheet

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

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| Article Name | Tazemetostat, CAS [[1403254-99-8]] |
| Biozol Catalog Number | FBM-10-4032 |
| Supplier Catalog Number | 10-4032 |
| Alternative Catalog Number | FBM-10-4032-5MG,FBM-10-4032-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | EZH2 inhibitor... |
| Molecular Weight | 572.75 |
| Purity | 98%, NMR (Conforms) |
| Form | Off-white solid |
| CAS Number | [1403254-99-8] |
| Formula | C34H44N4O4 |

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| Application Notes | <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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