

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## 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 (<math>K_i = 2.5\text{nM}</math> wild type human PRC2-containing) and selective SAM-competitive inhibitor of the lysine methyltransferase EZH2.<sup>1</sup> 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 lymphoma<sup>2</sup>, pediatric glioma<sup>3</sup>, small-cell carcinoma of the ovary<sup>4</sup>, and synovial sarcomas<sup>5</sup>. 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.<sup>6</sup></p> |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|