



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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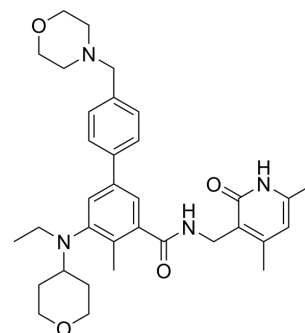
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## Tazemetostat (Standard)

|                           |   |
|---------------------------|---|
| <b>Cat. No.:</b>          | HY-13803R   |
| <b>CAS No.:</b>           | 1403254-99-8  |
| <b>Molecular Formula:</b> | C <sub>34</sub> H <sub>44</sub> N <sub>4</sub> O <sub>4</sub>                             |
| <b>Molecular Weight:</b>  | 572.74  |
| <b>Target:</b>            | Apoptosis; Histone Methyltransferase  |
| <b>Pathway:</b>           | Apoptosis; Epigenetics  |
| <b>Storage:</b>           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                                     |   |
|-------------------------------------|---|
| <b>Description</b>                  | Tazemetostat (Standard) is the analytical standard of Tazemetostat. This product is intended for research and analytical applications. Tazemetostat (EPZ-6438) is a potent, selective and orally available EZH2 inhibitor. Tazemetostat inhibits the activity of human polycomb repressive complex 2 (PRC2)-containing wild-type EZH2 with a K <sub>i</sub> value of 2.5 nM. Tazemetostat inhibits EZH2 with IC <sub>50</sub> s of 11 and 16 nM in peptide assay and nucleosome assay, respectively. Tazemetostat inhibits rat EZH2 with an IC <sub>50</sub> of 4 nM. Tazemetostat also inhibits EZH1 with an IC <sub>50</sub> of 392 nM. Tazemetostat induces apoptosis and differentiation specifically in SMARCB1-deleted MRT cells <sup>[1]</sup> . |
| <b>IC<sub>50</sub> &amp; Target</b> | Ki: 2.5 nM (EZH2) <sup>[1]</sup>  |

### REFERENCES

[1]. Knutson SK, et, al. Durable tumor regression in genetically altered malignant rhabdoid tumors by inhibition of methyltransferaseEZH2. Proc Natl Acad Sci U S A. 2013 May 7;110(19):7922-7.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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