Tazemetostat

EZH2 inhibitor

Tazemetostat is a potent and selective SAM-competitive inhibitor of the lysine methyltransferase EZH2. Tazemetostat displayed strong antiproliferative effects against SMARCB1-deleted malignant rhabdoid tumor (MRT) cell lines *in vitro*. This antitumor activity was also observed in SMARTCB1 mutant mouse xenografts. It displayed potent antitumor activity in various cancer models including non-Hodgkins lymphoma, pediatric glioma, small-cell carcinoma of the ovary, and synovial sarcomas. 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.

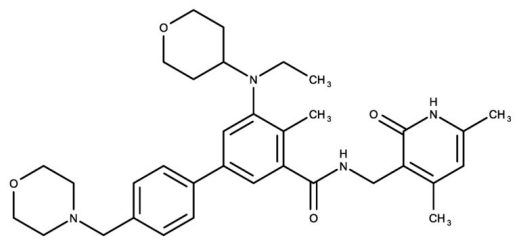
Ordering Information

Order Online »

ENZ-CHM495-0025	25mg

Manuals, SDS & CofA

View Online »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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-((4,6-Dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-5-(ethyl(tetrahydro-2H-pyran-4-yl)amino)-4-methyl-4'-(morpholinomethyl)-[1,1'-biphenyl]-3-carboxamide
Appearance	Off-white solid.
CAS	1403254-99-8
Couple Target	Histone methyltransferase
Couple Type	Inhibitor
Formula	$C_{34}H_{44}N_4O_4$
Identity	Determined by NMR.
MW	572.75
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (>25 mg/ml).

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