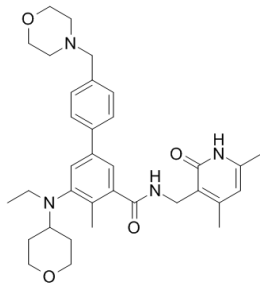


Product Name	: EPZ6438	
Synonyms	: Tazemetostat	
Cat No.	: M11686	
CAS Number	: 1403254-99-8	
Molecular Formula	: C34H44N4O4	
Formula Weight	: 572.74	
Chemical Name	N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-5-(ethyl(tetrahydro-2H-pyran-4-yl)amino)-4-methyl-4'-(morpholinomethyl)-[1,1'-biphenyl]-3-carboxamide	
Description	EPZ-6438 is a potent, and selective EZH2 inhibitor with Ki and IC50 of 2.5 nM and 11 nM in cell-free assays, exhibiting a 35-fold selectivity versus EZH1 and >4,500-fold selectivity relative to 14 other HMTs.	
Pathway	Chromatin/Epigenetic	
Target	HMTase	
Receptor	EZH2; EZH2	
Solubility	DMSO: 9 mg/mL (15.71 mM)	
SMILES	<chem>O=C(C1=CC(C2=CC=C(CN3CCOCC3)C=C2)=CC(N(CC)C4CCOCC4)=C1C)NCC5=C(C)C=C(C)NC5=O</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1.Knutson SK, et al. Proc Natl Acad Sci U S A. 2013, 110(19), 7922-7927.