

Product Name	: Valemetostat
Synonyms	: —
Cat No.	: M21864
CAS Number	: 1809336-39-7
Molecular Formula	: C ₂₆ H ₃₄ ClN ₃ O ₄
Formula Weight	: 488.02
Chemical Name	: —
Description	Valemetostat is a dual inhibitor of enhancer of zeste homolog 1 (EZH1) and EZH2. It inhibits polycomb repressive complex 2 (PRC2) containing EZH1 or EZH2 as the catalytic subunit in cell-free assays (IC ₅₀ s = 8.4 and 2.5 nM, respectively). Valemetostat inhibits trimethylation of histone H3 lysine 27 in HCT116 cells (IC ₅₀ = 0.44 nM). It inhibits the growth of Karpas-422 diffuse large B cell lymphoma (DLBCL) cells (GI ₅₀ = 4.8 nM).
Pathway	: Others
Target	: Other Targets
Receptor	: EZH1/2
Solubility	: —
SMILES	: <chem>CC1=CC(=C(C(=O)N1)CNC(=O)C2=CC(=C3C(=C2C)OC(O3)(C)C4CCC(CC4)N(C)C)Cl)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: