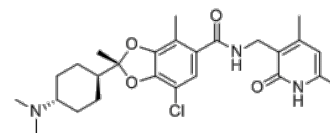


**Product Name** : Valemetostat  
**Cat. No.** : PC-61403  
**CAS No.** : 1809336-39-7  
**Molecular Formula** : C<sub>26</sub>H<sub>34</sub>ClN<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 488.025  
**Target** : Epigenetics  
**Solubility** : 100 mM in DMSO



## Biological Activity

Valemetostat (DS-3201, DS3201) is a potent, selective, dual **EZH1/EZH2** inhibitor with IC<sub>50</sub> <10 nM.

Valemetostat (DS-3201, DS3201) significantly reduces ATL cell viability compared with the others inhibitors.

Valemetostat (DS-3201, DS3201) significantly reactivates the expression of the highly H3K27me<sub>3</sub>-accumulated EZH1/2 target genes in an ex vivo culture of primary ATL cells.

Valemetostat shows superior anti-growth effects compared with EZH2-selective inhibitor in malignant lymphoma cell lines.

## References

Yamagishi M, et al. *Cell Rep.* 2019 Nov 19;29(8):2321-2337.e7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com