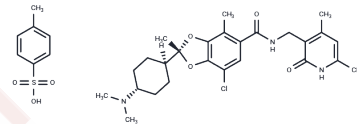


## Valemetostat tosylate

## Chemical Properties

CAS No. :	1809336-93-3
Formula:	C <sub>33</sub> H <sub>42</sub> ClN <sub>3</sub> O <sub>7</sub> S
Molecular Weight:	660.22
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Valemetostat tosylate is a dual inhibitor of EZH1/2 and used in the research of relapsed/refractory peripheral T-cell lymphoma.
Targets(IC50)	Histone Methyltransferase

## Solubility Information

Solubility	DMSO: 125 mg/mL (189.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (5 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5146 mL	7.5732 mL	15.1465 mL
5 mM	0.3029 mL	1.5146 mL	3.0293 mL
10 mM	0.1515 mL	0.7573 mL	1.5146 mL
50 mM	0.0303 mL	0.1515 mL	0.3029 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Daiichi Sankyo's EZH1/2 Dual Inhibitor Valemetostat (DS-3201) Receives SAKIGAKE Designation for Treatment of Patients with Relapsed/Refractory Peripheral T-Cell Lymphoma from Japan MHLW.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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