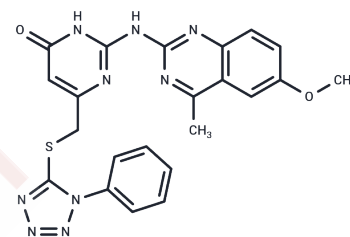


DCE\_42

## Chemical Properties

CAS No. : 669749-45-5  
 Formula: C<sub>22</sub>H<sub>19</sub>N<sub>9</sub>O<sub>2</sub>S  
 Molecular Weight: 473.51  
 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	DCE_42 is a novel EZH2 inhibitor, it also displays significant anti-proliferation activity against lymphoma cell lines.
Targets(IC50)	Others,Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1119 mL	10.5594 mL	21.1189 mL
5 mM	0.4224 mL	2.1119 mL	4.2238 mL
10 mM	0.2112 mL	1.0559 mL	2.1119 mL
50 mM	0.0422 mL	0.2112 mL	0.4224 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

Wu Y, Hu J, Ding H, Chen L, Zhang Y, Liu R, Xu P, Du D, Lu W, Liu J, Liu Y, Liu YC, Lu J, Zhang J, Yao Z, Luo C. Identification of novel EZH2 inhibitors through pharmacophore-based virtual screening and biological assays. *Bioorg Med Chem Lett*. 2016 Aug 1;26(15):3813-7. doi: 10.1016/j.bmcl.2016.05.018. Epub 2016 May 30. PubMed PMID: 27289323.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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