

(R)-OR-S1

Chemical Properties

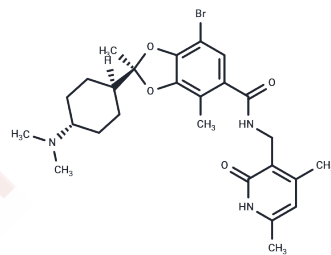
CAS No. : 1809336-19-3

Formula: C₂₆H₃₄BrN₃O₄

Molecular Weight: 532.47

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	(R)-OR-S1 is a SAM-competitive, highly selective, orally bioavailable dual inhibitor of EZH1/2.
Targets(IC50)	Others, Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.878 mL	9.3902 mL	18.7804 mL
5 mM	0.3756 mL	1.878 mL	3.7561 mL
10 mM	0.1878 mL	0.939 mL	1.878 mL
50 mM	0.0376 mL	0.1878 mL	0.3756 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

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Muller S, Nayak A. Inhibition of MLL1 histone methyltransferase brings the developmental clock back to naïve pluripotency. *Stem Cell Investig.* 2016 Oct 20;3:58. eCollection 2016. PubMed PMID: 27868040; PubMed Central PMCID: PMC5104571.

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