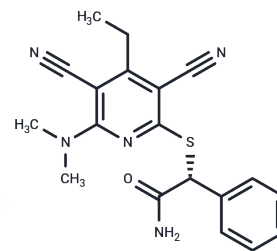


GSK-3484862

Chemical Properties

CAS No. : 2170136-65-7
 Formula: C₁₉H₁₉N₅O₅
 Molecular Weight: 365.45
 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	GSK-3484862 is a non-covalent Dnmt1 inhibitor that induces DNA hypomethylation, offering potential therapeutic benefits against cancer.
Targets(IC50)	DNA Methyltransferase

Solubility Information

Solubility	DMSO: 22.5 mg/mL (61.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7364 mL	13.6818 mL	27.3635 mL
5 mM	0.5473 mL	2.7364 mL	5.4727 mL
10 mM	0.2736 mL	1.3682 mL	2.7364 mL
50 mM	0.0547 mL	0.2736 mL	0.5473 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

Azevedo Portilho N, et al. The DNMT1 inhibitor GSK-3484862 mediates global demethylation in murine embryonic stem cells. Epigenetics Chromatin. 2021 Dec 15;14(1):56.

Zhang P, Zhang Z, Wang Y, et al. A CRISPR-Cas9 screen reveals genetic determinants of the cellular response to decitabine. EMBO reports. 2025: 1-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481