

Zavondemstat

Chemical Properties

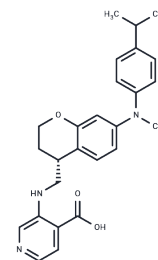
CAS No. : 1851412-93-5

Formula: C₂₆H₂₉N₃O₃

Molecular Weight: 431.53

Storage: Store under nitrogen, Keep away from direct sunlight
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	Zavondemstat (QC8222 free base) is a histone lysine demethylase 4 (KDM4) inhibitor with anticancer and antitumor activity for the study of triple-negative and breast cancers.
Targets(IC50)	Histone Demethylase

Solubility Information

Solubility	DMSO: 7.25 mg/mL (16.8 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3173 mL	11.5867 mL	23.1734 mL
5 mM	0.4635 mL	2.3173 mL	4.6347 mL
10 mM	0.2317 mL	1.1587 mL	2.3173 mL
50 mM	0.0463 mL	0.2317 mL	0.4635 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

Frank Perabo, et al. Treatment of cancer with kdm4 inhibitors: WO2022217100A1.

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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