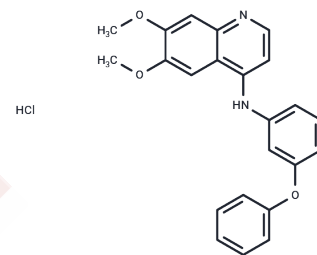


GW 284543 hydrochloride

Chemical Properties

CAS No. :	179246-08-3
Formula:	C ₂₃ H ₂₁ ClN ₂ O ₃
Molecular Weight:	408.87
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	GW 284543 hydrochloride is a selective inhibitor of MEK5 .
Targets(IC50)	MEK

Solubility Information

Solubility	DMSO: 4.09 mg/mL (10 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	2.4458 mL	12.2288 mL	24.4577 mL
5 mM	0.4892 mL	2.4458 mL	4.8915 mL
10 mM	0.2446 mL	1.2229 mL	2.4458 mL
50 mM	0.0489 mL	0.2446 mL	0.4892 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

Vaseva AV, Blake DR, Gilbert TSK, et al. KRAS Suppression-Induced Degradation of MYC Is Antagonized by a MEK5-ERK5 Compensatory Mechanism[J]. Cancer Cell. 2018 Nov 12;34(5):807-822.e7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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