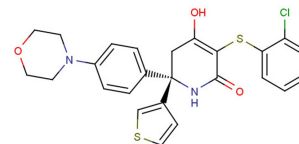


(S)-GNE-140

Chemical Properties

CAS No.:	2003234-64-6
Formula:	C ₂₅ H ₂₃ ClN ₂ O ₃ S ₂
Molecular Weight:	499.04
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(S)-GNE-140 is the less active enantiomer of GNE-140.
Targets(IC ₅₀)	LDHA: None

Solubility Information

Solubility	DMSO: 14 mg/mL (28.05 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.004 mL	10.019 mL	20.038 mL
5 mM	0.401 mL	2.004 mL	4.008 mL
10 mM	0.2 mL	1.002 mL	2.004 mL
50 mM	0.04 mL	0.2 mL	0.401 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Purkey HE, et al. Cell Active Hydroxylactam Inhibitors of Human Lactate Dehydrogenase with Oral Bioavailability in Mice. ACS Med Chem Lett. 2016 Aug 26;7(10):896-901.

Inhibitors · Natural Compounds · Compound Libraries

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