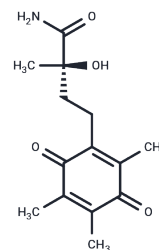


EPI-589

Chemical Properties

CAS No. : 1147883-03-1
 Formula: C₁₄H₁₉NO₄
 Molecular Weight: 265.31
 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	EPI-589, a quinone derivative and oxidoreductase enzyme inhibitor, is considered safe and well tolerated, showing promise for the treatment of amyotrophic lateral sclerosis (ALS).
Targets(IC50)	Others, Reactive Oxygen Species
In vivo	EPI-589 significantly enhances biomarkers in cerebrospinal fluid (CSF) and plasma associated with neuroinflammation and ALS disease progression.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7692 mL	18.8459 mL	37.6918 mL
5 mM	0.7538 mL	3.7692 mL	7.5384 mL
10 mM	0.3769 mL	1.8846 mL	3.7692 mL
50 mM	0.0754 mL	0.3769 mL	0.7538 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

Phase IIa trial of EPI-589 in ALS shows improvement in CSF

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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