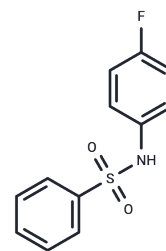


ELN484228

Chemical Properties

CAS No. : 312-63-0
Formula: C₁₂H₁₀FN₂O₂S
Molecular Weight: 251.28
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ELN484228 is a α -synuclein blocker. α -synuclein is a key protein in Parkinson's disease.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (218.88 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	3.9796 mL	19.8981 mL	39.7962 mL
5 mM	0.7959 mL	3.9796 mL	7.9592 mL
10 mM	0.398 mL	1.9898 mL	3.9796 mL
50 mM	0.0796 mL	0.398 mL	0.7959 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.

Reference

Tóth G, et al. Targeting the intrinsically disordered structural ensemble of α -synuclein by small molecules as a potential therapeutic strategy for Parkinson's disease. PLoS One. 2014 Feb 14;9(2):e87133.

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