

Riluzole-13C,15N2

Chemical Properties

CAS No. : 1215552-03-6

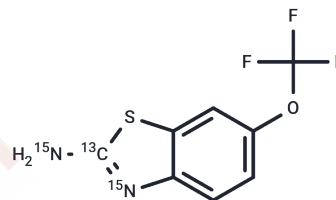
Formula: 13C C7H5F3OS 15N2

Molecular Weight: 237.18

Storage: Keep away from direct sunlight, Store at low temperature

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	Riluzole-13C,15N2 is a 13C and 15N labeled form of Riluzole. Riluzole (T0349) is a glutamate antagonist with anticonvulsant activity, inhibiting GABA reuptake and used in ALS research.
Targets(IC50)	GABA Receptor, Sodium Channel

Solubility Information

Solubility	Chloroform: 8 mg/mL (33.73 mM), Sonication is recommended. Methanol: 8 mg/mL (33.73 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	4.2162 mL	21.081 mL	42.1621 mL
5 mM	0.8432 mL	4.2162 mL	8.4324 mL
10 mM	0.4216 mL	2.1081 mL	4.2162 mL
50 mM	0.0843 mL	0.4216 mL	0.8432 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

Perdigão Ana PL, et al. Pharmacokinetics of riluzole in beagle dogs. Drug research 69.01 (2019): 40-45.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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