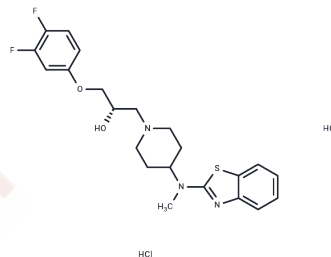


Lubeluzole dihydrochloride

Chemical Properties

CAS No. : 144665-09-8
 Formula: C₂₂H₂₇Cl₂F₂N₃O₂S
 Molecular Weight: 506.44
 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	Lubeluzole (dihydrochloride) acts as a neuroprotective agent by blocking neuronal voltage-gated sodium channels and also affects cardiac sodium channels, exhibiting both tonic and blocking effects. This compound is considered promising in the research of antiarrhythmic agents.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9746 mL	9.8728 mL	19.7457 mL
5 mM	0.3949 mL	1.9746 mL	3.9491 mL
10 mM	0.1975 mL	0.9873 mL	1.9746 mL
50 mM	0.0395 mL	0.1975 mL	0.3949 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.

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