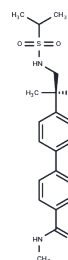


LY503430

Chemical Properties

CAS No. : 625820-83-9
Formula: C₂₀H₂₅FN₂O₃S
Molecular Weight: 392.49
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LY503430 is a AMPA receptor potentiator with oral activity. LY503430 has both nootropic and neuroprotective effects, reducing brain damage caused by 6-hydroxydopamine or MPTP.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5478 mL	12.7392 mL	25.4784 mL
5 mM	0.5096 mL	2.5478 mL	5.0957 mL
10 mM	0.2548 mL	1.2739 mL	2.5478 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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

Duthion B, Gomez Pardo D, Cossy J. Enantioselective synthesis of β -fluoroamines from β -amino alcohols: application to the synthesis of LY503430. Org Lett. 2010 Oct 15;12(20):4620-3. doi: 10.1021/ol1019579. PubMed

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481