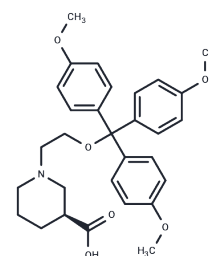


(S)-SNAP5114

Chemical Properties

CAS No. : 157604-55-2
Formula: C₃₀H₃₅NO₆
Molecular Weight: 505.6
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(S)-SNAP5114 is a selective inhibitor of GABA transport with IC ₅₀ s of 5 µM for hGAT-3 and 21 µM for rGAT-2. (S)-SNAP5114 has anticonvulsant properties.
Targets(IC ₅₀)	Others,GABA Receptor

Solubility Information

Solubility	DMSO: 90.0 mg/mL (178.0 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	1.9778 mL	9.8892 mL	19.7785 mL
5 mM	0.3956 mL	1.9778 mL	3.9557 mL
10 mM	0.1978 mL	0.9889 mL	1.9778 mL
50 mM	0.0396 mL	0.1978 mL	0.3956 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

Borden LA, et al. Cloning of the human homologue of the GABA transporter GAT-3 and identification of a novel inhibitor with selectivity for this site. Receptors Channels. 1994;2(3):207-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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