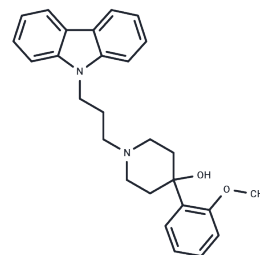


NNC052090

Chemical Properties

CAS No. : 184845-43-0
Formula: C₂₇H₃₀N₂O₂
Molecular Weight: 414.54
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	NNC052090 is a GABA uptake inhibitor that displays moderate selectivity for BGT-1 transporters with Ki values are 1.4, 15, 19 and 41 μM for hBGT-1, hGAT-3, hGAT-1 and hGAT-2 respectively. NNC052090 also displays affinity at α1- and D2-receptors with IC50 values are 266 and 1632 nM respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4123 mL	12.0616 mL	24.1231 mL
5 mM	0.4825 mL	2.4123 mL	4.8246 mL
10 mM	0.2412 mL	1.2062 mL	2.4123 mL
50 mM	0.0482 mL	0.2412 mL	0.4825 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

Dalby NO, Thomsen C, Fink-Jensen A, Lundbeck J, Søkilde B, Man CM, Sørensen PO, Meldrum B. Anticonvulsant properties of two GABA uptake inhibitors NNC 05-2045 and NNC 05-2090, not acting preferentially on GAT-1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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