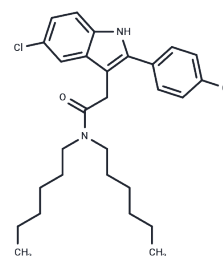


FGIN-1-43

Chemical Properties

CAS No. : 145040-29-5
 Formula: C₂₈H₃₆Cl₂N₂O
 Molecular Weight: 487.5
 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	FGIN-1-43 is a potent and specific ligand for the mitochondrial DBI receptor.
Targets(IC50)	Others,GABA Receptor,Mitochondrial Metabolism

Solubility Information

Solubility	DMSO: 22.5 mg/mL (46.15 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	2.0513 mL	10.2564 mL	20.5128 mL
5 mM	0.4103 mL	2.0513 mL	4.1026 mL
10 mM	0.2051 mL	1.0256 mL	2.0513 mL
50 mM	0.041 mL	0.2051 mL	0.4103 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

Guillon J, et al. Synthesis and preliminary behavioural evaluation in mice of new 3-aryl-3-pyrrol-1-ylpropanamides, analogues of FGIN-1-27 and FGIN-1-43. J Pharm Pharmacol. 2001 Nov;53(11):1561-8.

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