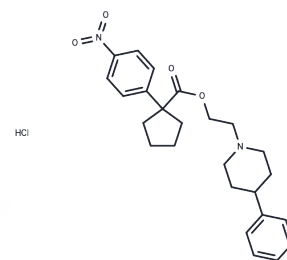


RLH 033

## Chemical Properties

CAS No. : 157097-10-4  
 Formula: C<sub>25</sub>H<sub>31</sub>ClN<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 458.98  
 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	RLH 033 is a selective ligand for the sigma 1 recognition site.
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1787 mL	10.8937 mL	21.7874 mL
5 mM	0.4357 mL	2.1787 mL	4.3575 mL
10 mM	0.2179 mL	1.0894 mL	2.1787 mL
50 mM	0.0436 mL	0.2179 mL	0.4357 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

- Hudkins RL, Mailman RB, DeHaven-Hudkins DL. RLH-033, a novel, potent and selective ligand for the sigma 1 recognition site. *Eur J Pharmacol.* 1994 Dec 12;271(1):235-6. PubMed PMID: 7698207.
- Hudkins RL, Mailman RB, DeHaven-Hudkins DL. Novel (4-phenylpiperidinyl)- and (4-phenylpiperazinyl)alkyl-spaced esters of 1-phenylcyclopentanecarboxylic acids as potent sigma-selective compounds. *J Med Chem.* 1994 Jun 24;37(13):1964-70. PubMed PMID: 8027978.

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