

R 50595

Chemical Properties

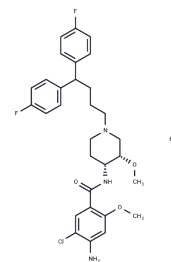
CAS No. : 104860-61-9

Formula: C₃₀H₃₅Cl₂F₂N₃O₃

Molecular Weight: 594.52

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	R 50595 is a selective non-competitive cisapride antagonist.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.682 mL	8.4101 mL	16.8203 mL
5 mM	0.3364 mL	1.682 mL	3.3641 mL
10 mM	0.1682 mL	0.841 mL	1.682 mL
50 mM	0.0336 mL	0.1682 mL	0.3364 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

Van den Brink HW, Schuurkes JA, Van Nueten JM, Van Rossum JM. R 50 595, a selective non-competitive antagonist of cisapride, BRL 24924 and 5-hydroxytryptamine on the guinea-pig ileum. Eur J Pharmacol. 1990 May 31;181(1-2):119-25. PubMed PMID: 2387319.

Meulemans AL, Schuurkes JA. Is the action of cisapride on the guinea-pig ileum mediated via 5-HT₄ receptors? Eur J Pharmacol. 1992 Feb 25;212(1):51-9. PubMed PMID: 1555639.

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