

(S)-Renzapride

Chemical Properties

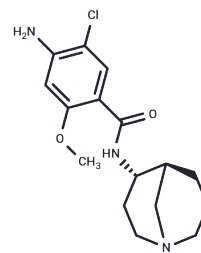
CAS No. :

Formula: C₁₆H₂₂ClN₃O₂

Molecular Weight: 323.82

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	(S)-Renzapride ((S)-BRL 24924), an isomer of Renzapride, acts as a 5-HT ₄ receptor agonist with a K _i of 115 nM and antagonizes 5HT _{2b} and 5HT ₃ receptors. It is utilized in studies focused on constipation-predominant irritable bowel syndrome (C-IBS).
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0881 mL	15.4407 mL	30.8814 mL
5 mM	0.6176 mL	3.0881 mL	6.1763 mL
10 mM	0.3088 mL	1.5441 mL	3.0881 mL
50 mM	0.0618 mL	0.3088 mL	0.6176 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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