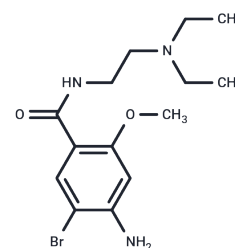


Bromopride

Chemical Properties

CAS No. :	4093-35-0
Formula:	C ₁₄ H ₂₂ BrN ₃ O ₂
Molecular Weight:	344.25
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	Bromopride (Valopride) is a dopamine antagonist with prokinetic properties closely related to metoclopramide, and is widely used as an antiemetic. It is not available in the United States or the United Kingdom.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (145.24 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	2.9049 mL	14.5243 mL	29.0487 mL
5 mM	0.581 mL	2.9049 mL	5.8097 mL
10 mM	0.2905 mL	1.4524 mL	2.9049 mL
50 mM	0.0581 mL	0.2905 mL	0.581 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

Tonini M, et al. Aliment Pharmacol Ther. 2004 Feb 15;19(4):379-90.

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