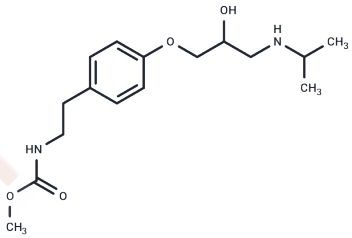
Data Sheet (Cat.No.T16431)

TargetMol

Pamatolol

Chemical Properties



CAS No. : 59110-35-9

Formula: C16H26N2O4

Molecular Weight: 310.39

Storage: Store at low temperature
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	Pamatolol is a selective and potent beta-adrenoceptor antagonist that has not shown sympathomimetic activity in ex vivo experiments.
Targets(IC50)	Adrenergic Receptor
In vivo	Pamatolol is efficiently absorbed through the gastrointestinal tract, predominantly in its unchanged form, within 24 hours and subsequently excreted in the urine of humans, dogs, rats, and mice following oral administration [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2218 mL	16.1088 mL	32.2175 mL
5 mM	0.6444 mL	3.2218 mL	6.4435 mL
10 mM	0.3222 mL	1.6109 mL	3.2218 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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

Hoffmann KJ, et al. Species differences in the metabolism of pamatolol, a cardioselective beta--adrenoceptor antagonist. Eur J Drug Metab Pharmacokinet. 1979;4(3):163-73.

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