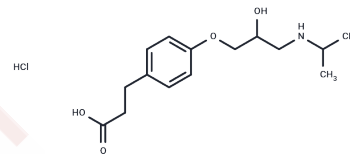


Esmolol acid hydrochloride

Chemical Properties

CAS No. :	83356-60-9
Formula:	C ₁₅ H ₂₄ ClNO ₄
Molecular Weight:	317.81
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	Esmolol acid (ASL-8123) hydrochloride is a mild antagonist of β -adrenergic receptors. It inhibits the heart rate and diastolic pressure responses induced by Isoproterenol in a dose-dependent manner and is applicable for renal failure research.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1465 mL	15.7327 mL	31.4653 mL
5 mM	0.6293 mL	3.1465 mL	6.2931 mL
10 mM	0.3147 mL	1.5733 mL	3.1465 mL
50 mM	0.0629 mL	0.3147 mL	0.6293 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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