

## Esprolol

## Chemical Properties

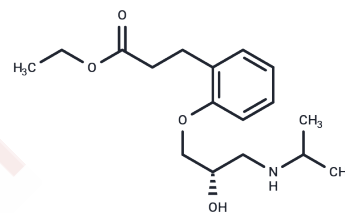
CAS No. : 396654-09-4

Formula: C<sub>17</sub>H<sub>27</sub>NO<sub>4</sub>

Molecular Weight: 309.4

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Esprolol (ACC-9369 free base) is a novel $\beta$ -adrenergic receptor antagonist for the study of exertional angina.
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2321 mL	16.1603 mL	32.3206 mL
5 mM	0.6464 mL	3.2321 mL	6.4641 mL
10 mM	0.3232 mL	1.616 mL	3.2321 mL
50 mM	0.0646 mL	0.3232 mL	0.6464 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

Matier WL, et al. Esprolol hydrochloride: a new beta adrenergic antagonist with a rapid onset of effect. Heart Dis. 2000 Mar-Apr;2(2):146-50.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481