

## Solpecainol

## Chemical Properties

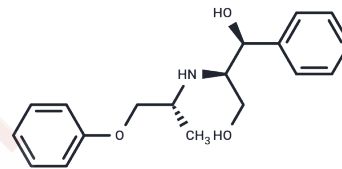
CAS No. : 155321-96-3

Formula: C<sub>18</sub>H<sub>23</sub>NO<sub>3</sub>

Molecular Weight: 301.38

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	solpecainol is a sodium channel blocker used in the study of neurological and cardiovascular diseases.
Targets(IC50)	Sodium Channel

## Solubility Information

Solubility	DMSO: 55 mg/mL (182.49 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	3.3181 mL	16.5904 mL	33.1807 mL
5 mM	0.6636 mL	3.3181 mL	6.6361 mL
10 mM	0.3318 mL	1.659 mL	3.3181 mL
50 mM	0.0664 mL	0.3318 mL	0.6636 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

Wang Huan, et al. Method of making 1-(acyloxy)-alkyl carbamate prodrugs of amine containing drugs.  
US20140243544 A1.

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