

## Nadolol-D9

## Chemical Properties

CAS No. : 94513-92-5

Formula: C<sub>17</sub>H<sub>27</sub>N<sub>1</sub>O<sub>4</sub>

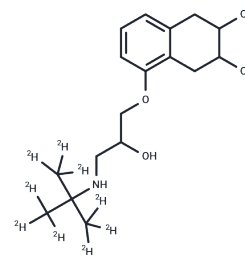
Molecular Weight: 318.46

Storage:

Store at low temperature, Keep away from direct sunlight

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	Nadolol-D9 is a deuterated analog of Nadolol (TMSM-1693), whose parent compound nadolol is an orally active, non-selective $\beta$ -adrenergic receptor blocker.
Targets(IC50)	Adrenergic Receptor

## Solubility Information

Solubility	DMSO: 80 mg/mL (251.21 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	3.1401 mL	15.7006 mL	31.4011 mL
5 mM	0.628 mL	3.1401 mL	6.2802 mL
10 mM	0.314 mL	1.5701 mL	3.1401 mL
50 mM	0.0628 mL	0.314 mL	0.628 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

Johannes C von Alvensleben, et al. Nadolol for Treatment of Supraventricular Tachycardia in Infants and Young Children. *Pediatr Cardiol.* 2017 Mar;38(3):525-530.

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