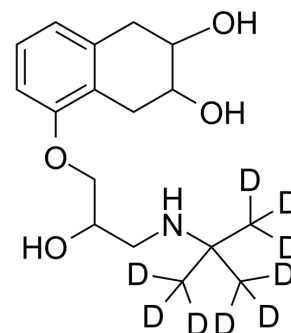


Nadolol-d₉

Cat. No.:	HY-B0804S		
CAS No.:	94513-92-5		
Molecular Formula:	C ₁₇ H ₁₈ D ₉ NO ₄		
Molecular Weight:	318.46		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (314.01 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1401 mL	15.7006 mL	31.4011 mL
	5 mM	0.6280 mL	3.1401 mL	6.2802 mL
	10 mM	0.3140 mL	1.5701 mL	3.1401 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Nadolol-d₉ is the deuterium labeled Nadolol. Nadolol is a non-selective and orally active β -adrenergic receptors blocker[1].

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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