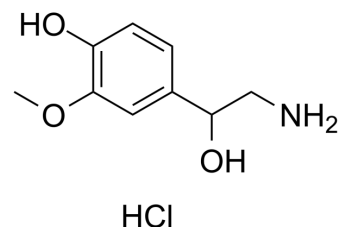


## Normetanephine hydrochloride

Cat. No.:	HY-W008794
CAS No.:	1011-74-1
Molecular Formula:	C <sub>9</sub> H <sub>14</sub> ClNO <sub>3</sub>
Molecular Weight:	219.67
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (455.23 mM; Need ultrasonic) DMSO : 20.83 mg/mL (94.82 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.5523 mL	22.7614 mL	45.5228 mL
		5 mM		0.9105 mL	4.5523 mL	9.1046 mL
		10 mM		0.4552 mL	2.2761 mL	4.5523 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (9.47 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (9.47 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (9.47 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Normetanephine ((±)-Normetanephine) hydrochloride is the O-methylated metabolite of norepinephrine (NE) <sup>[1]</sup> .
In Vitro	Normetanephine hydrochloride is a norepinephrine metabolite that contains one more methyl group than norepinephrine [2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA