Normetanephrine hydrochloride

Cat. No.: HY-W008794

CAS No.: 1011-74-1

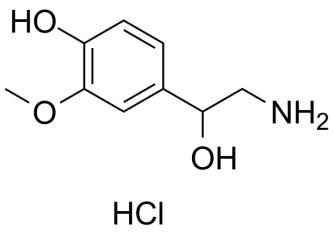
Molecular Formula: $C_9H_{14}ClNO_3$

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_2O : 100 mg/mL (455.23 mM; Need ultrasonic)
DMSO : 20.83 mg/mL (94.82 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	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

Normetanephrine ((±)-Normetanephrine) hydrochloride is the O-methylated metabolite of norepinephrine (NE)[1].

In Vitro

Normetanephrine 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.

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

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