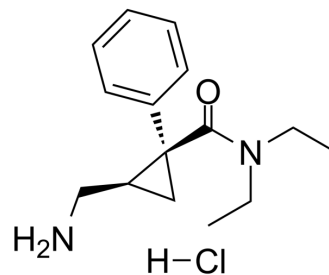


Milnacipran ((1S-cis) hydrochloride)

| | |
|---------------------------|--|
| Cat. No.: | HY-B0168B |
| CAS No.: | 175131-60-9 |
| Molecular Formula: | C ₁₅ H ₂₃ ClN ₂ O |
| Molecular Weight: | 282.81 |
| Target: | Serotonin Transporter |
| Pathway: | Neuronal Signaling |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 50 mg/mL (176.80 mM)
* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|-----------------------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 3.5359 mL | 17.6797 mL | 35.3594 mL |
| | 5 mM | 0.7072 mL | 3.5359 mL | 7.0719 mL |
| | 10 mM | 0.3536 mL | 1.7680 mL | 3.5359 mL |

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

In Vivo

1. Add each solvent one by one: PBS
Solubility: 100 mg/mL (353.59 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Milnacipran (1S-cis) hydrochloride is a serotonin-norepinephrine reuptake inhibitor (SNRI), used in the clinical treatment of fibromyalgia.

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

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