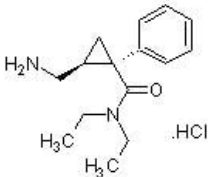


Milnacipran hydrochloride, Serotonin and norepinephrine reuptake inhibitor ab120755

2 图像

概述

产品名称	Milnacipran hydrochloride, Serotonin and norepinephrine reuptake抑制剂
描述	Serotonin and norepinephrine reuptake抑制剂
生物学描述	Serotonin and norepinephrine reuptake inhibitor. IC ₅₀ values are 100, 203 and >100000 nM for NA, 5-HT and DA, respectively. Centrally active following oral administration. Exhibits antidepressant and antinociceptive activity <i>in vivo</i> .
纯度	> 99%
CAS编号	101152-94-7
化学结构	

性能

化学名称	(1 <i>R</i> *,2 <i>S</i> *)-2-(Aminomethyl)- <i>N,N</i> -diethyl-1-phenylcyclopropanecarboxamide hydrochloride
分子量	282.81
分子式	C ₁₅ H ₂₂ N ₂ O.HCl
存放说明	Store at +4°C. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM and in DMSO to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

来源

Synthetic

应用

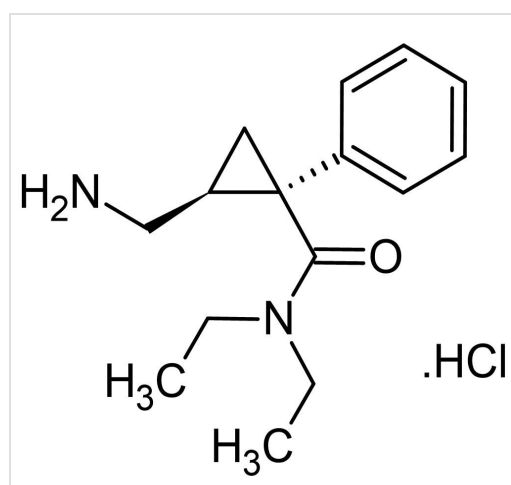
The Abpromise guarantee

Abpromise™承诺保证使用ab120755于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

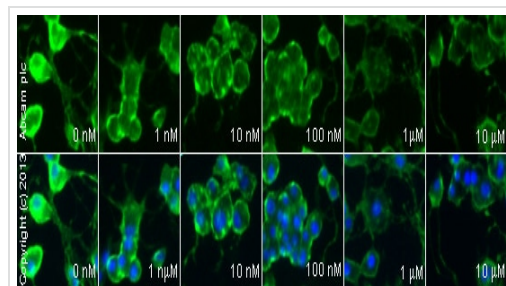
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - Milnacipran hydrochloride,
Serotonin and norepinephrine reuptake inhibitor
(ab120755)

2D chemical structure image of ab120755, Milnacipran hydrochloride, Serotonin and norepinephrine reuptake inhibitor



Functional Studies - Milnacipran hydrochloride,
Serotonin and norepinephrine reuptake inhibitor
(ab120755)

ab113202 staining NET1 in PC-12 cells treated with milnacipran hydrochloride (ab120755), by ICC/IF. Decrease of NET1 expression correlates with increased concentration of milnacipran hydrochloride, as described in literature.

The NGF treated cells were incubated at 37°C for 6 hour in media containing different concentrations of ab120755 (milnacipran hydrochloride) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab113202** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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