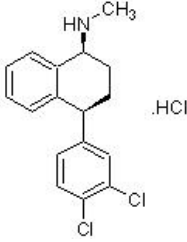


Sertraline hydrochloride, Serotonin reuptake inhibitor ab141068

2 图像

概述

产品名称	Sertraline hydrochloride, Serotonin reuptake抑制剂
描述	Selective serotonin reuptake抑制剂
生物学描述	Selective serotonin reuptake inhibitor ($K_i = 2.0 \mu\text{M}$). Shows antidepressant and antiproliferative activity. Active <i>in vivo</i> .
纯度	> 99%
CAS编号	79559-97-0
化学结构	

性能

化学名称	(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine hydrochloride
分子量	342.69
分子式	$\text{C}_{17}\text{H}_{17}\text{Cl}_2\text{N}\cdot\text{HCl}$
PubChem识别号	54375
存放说明	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol to 50 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>

SMILES

Cl.Clc1ccc(cc1Cl)[C@@H]3CC[C@H](NC)c2ccccc23

来源

Synthetic

应用

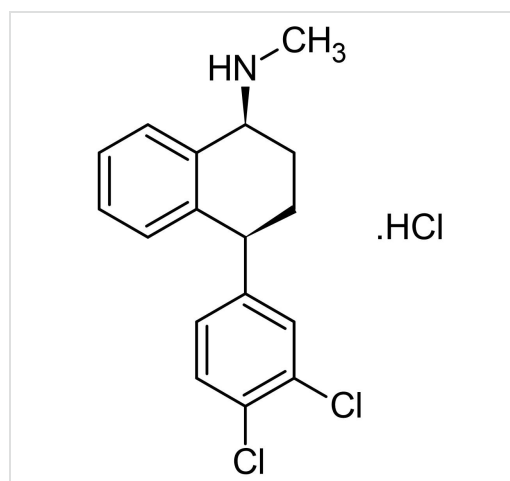
The Abpromise guarantee

Abpromise™承诺保证使用ab141068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。

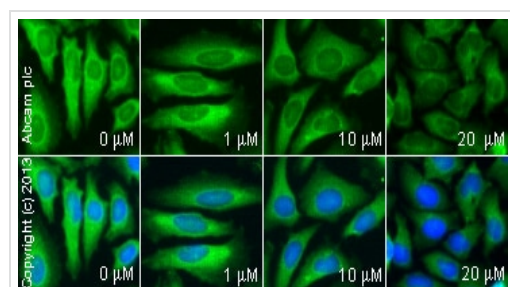
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - Sertraline hydrochloride,
Serotonin reuptake inhibitor (ab141068)

2D chemical structure image of ab141068, Sertraline hydrochloride, Serotonin reuptake inhibitor



Functional Studies - Sertraline hydrochloride,
Serotonin reuptake inhibitor (ab141068)

ab1223 staining transferrin in HeLa cells treated with sertraline hydrochloride (ab141068), by ICC/IF. Decrease in transferrin expression correlates with increased concentration of sertraline hydrochloride, as described in literature.

The cells were incubated at 37°C for 30 minutes in media containing different concentrations of ab141068 (sertraline hydrochloride) in DMSO, fixed with 100% methanol for 5 minutes at -20°C 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 **ab1223** (1/500 dilution) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat 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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