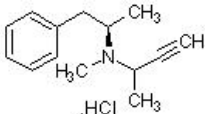


# (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), MAO-B selective inhibitor ab120604

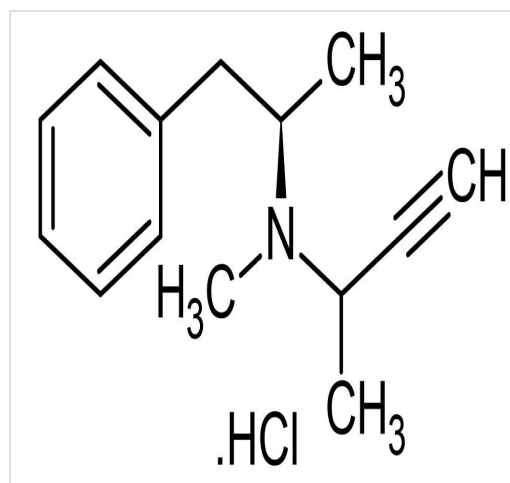
3 References 画像数 2

### 製品の概要

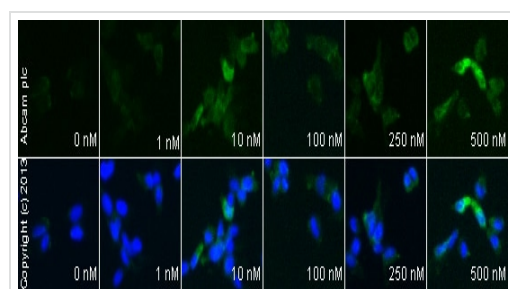
製品名	(R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), MAO-B selective inhibitor
製品の詳細	MAO-B selective inhibitor
生理活性の詳細	Selective and irreversible MAO-B inhibitor ( $IC_{50} = 6.8 \text{ nM}$ ). Elicits neuroprotective and neuronal rescue activity. Alleviates oxidative stress.
精製度	> 99%
CAS 番号	14611-52-0
構造式	

### 製品の特性

体系名	(R)-(-)-N- $\alpha$ -Dimethyl-N-2-propynylbenzeneethanamine hydrochloride
分子量	223.74
分子式	$C_{13}H_{17}N.HCl$
PubChem 登録番号	26758
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.
溶解性	Soluble in water to 100 mM
使用に関する注意	<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 <math>-20^{\circ}\text{C}</math>. 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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES 線形表記	<chem>C[C@H](CC1=CC=CC=C1)N(C)CC#C.Cl</chem>



Chemical Structure - (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), MAO-B selective inhibitor (ab120604)



Immunocytochemistry/ Immunofluorescence - (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), MAO-B selective inhibitor (ab120604)

2D chemical structure image of ab120604, (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), MAO-B selective inhibitor

**ab692** staining Bcl2 in SK-N-SH cells treated with (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride) (ab120604), by ICC/IF. Increase of Bcl2 expression correlates with increased concentration of (R)-(-)-Deprenyl hydrochloride (Selegiline hydrochloride), as described in literature.

The cells were incubated at 37°C for 3h in media containing different concentrations of ab120604 ((R)-(-)-Deprenyl hydrochloride (Selegiline 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 **ab692** (5 µg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-mouse polyclonal antibody (**ab96879**) 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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