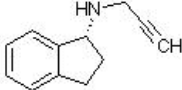


Rasagiline mesylate, MAO-B inhibitor ab120236

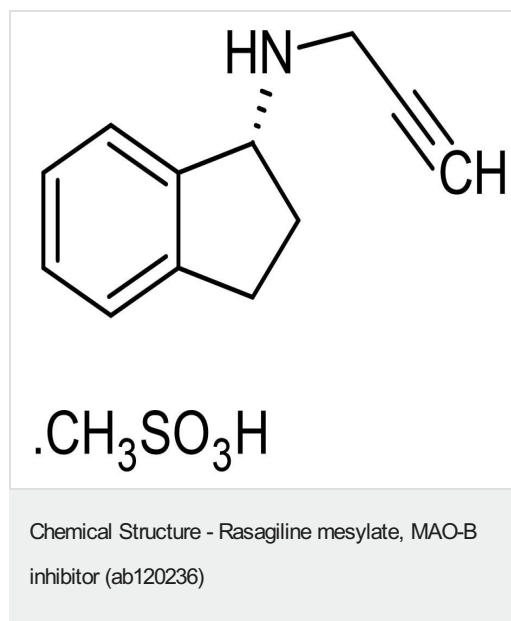
画像数 2

製品の概要

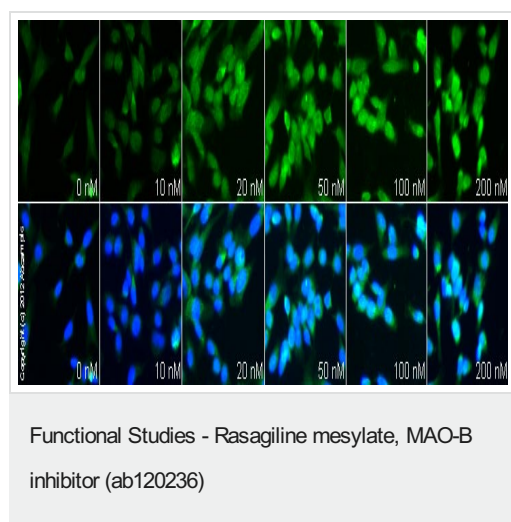
製品名	Rasagiline mesylate, MAO-B inhibitor
製品の詳細	MAO-B inhibitor
生理活性の詳細	Selective, irreversible monoamine oxidase B (MAO-B) inhibitor, with anti-Parkinson activity. In cell culture (PC-12 and neuroblastoma SH-SY5Y cells) it exhibits neuroprotective and anti-apoptotic activity against several neurotoxins.
CAS 番号	161735-79-1
構造式	 <chem>C#CCN[C@@H]1Cc2ccccc2C1.[CH3-]S(=O)(=O)[O-]</chem>

製品の特性

体系名	(1 <i>R</i>)-2,3-Dihydro- <i>N</i> -2-propyn-1-yl-1 <i>H</i> -Inden-1-amine methanesulfonate
分子量	267.34
分子式	C ₁₂ H ₁₃ N·CH ₃ SO ₃ H
PubChem 登録番号	3052775
保存方法	Store at +4°C. Store under desiccating conditions. 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 -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>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 線形表記	<chem>CS(=O)(=O)O.C#CCN[C@@H]1Cc2ccccc2C1</chem>
由来	Synthetic



2D chemical structure image of ab120236, Rasagiline mesylate, MAO-B inhibitor



ab131457 staining Bcl2 in SK-N-SH cells treated with rasagiline mesylate (ab120236), by ICC/IF. Increase in Bcl2 expression correlates with increased concentration of rasagiline mesylate, as described in literature.

The cells were incubated at 37°C for 24h in media containing different concentrations of ab120236 (rasagiline mesylate) 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 **ab131457** (1 µg/ml) 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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