



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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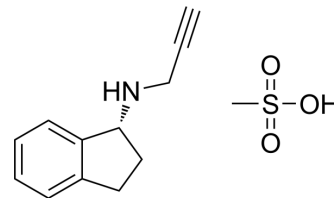
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## Rasagiline mesylate (Standard)

<b>Cat. No.:</b>	HY-14605R
<b>CAS No.:</b>	161735-79-1
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>17</sub> NO <sub>3</sub> S
<b>Molecular Weight:</b>	267.34
<b>Target:</b>	Apoptosis; Autophagy; Monoamine Oxidase
<b>Pathway:</b>	Apoptosis; Autophagy; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Rasagiline (mesylate) (Standard) is the analytical standard of Rasagiline (mesylate). This product is intended for research and analytical applications. Rasagiline (R-AGN1135) mesylate is a highly potent selective irreversible mitochondrial monoamine oxidase (MAO) inhibitor with IC <sub>50</sub> s of 4.43 nM and 412 nM for rat brain MAO B and A activity, respectively <sup>[1]</sup> . Rasagiline (mesylate) is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 4.43 nM (rat brain MAO B), 412 nM (rat brain MAO A) <sup>[1]</sup>

### REFERENCES

- [1]. M B Youdim, et al. Rasagiline [N-propargyl-1R(+)-aminoindan], a selective and potent inhibitor of mitochondrial monoamine oxidase B. *Br J Pharmacol.* 2001 Jan;132(2):500-6.
- [2]. Nadia Stefanova, et al. Rasagiline is neuroprotective in a transgenic model of multiple system atrophy. *Exp Neurol.* 2008 Apr;210(2):421-7.
- [3]. Shawna Tazik, et al. Comparative neuroprotective effects of Rasagiline and aminoindan with selegiline on dexamethasone-induced brain cell apoptosis. *Neurotox Res.* 2009 Apr;15(3):284-90.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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