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Produktinformation



Forschungsprodukte & Biochemikalien



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Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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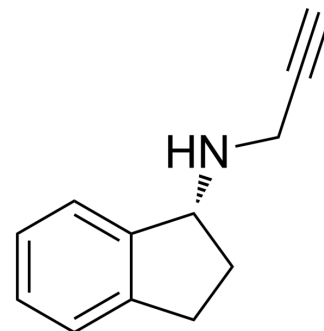
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Rasagiline (Standard)

Cat. No.:	HY-14605AR
CAS No.:	136236-51-6
Molecular Formula:	C ₁₂ H ₁₃ N
Molecular Weight:	171.24
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Rasagiline (Standard) is the analytical standard of Rasagiline. This product is intended for research and analytical applications. Rasagiline (R-AGN1135) is a highly potent selective irreversible mitochondrial monoamine oxidase (MAO) inhibitor with IC₅₀s of 4.43 nM and 412 nM for rat brain MAO B and A activity, respectively^[1]. Rasagiline is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

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]. 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.
- [3]. Nadia Stefanova, et al. Rasagiline is neuroprotective in a transgenic model of multiple system atrophy. *Exp Neurol.* 2008 Apr;210(2):421-7.

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

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