



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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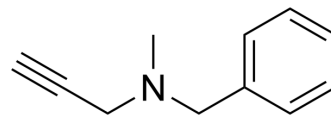
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Pargyline (Standard)

Cat. No.:	HY-A0091AR
CAS No.:	555-57-7
Molecular Formula:	C ₁₁ H ₁₃ N
Molecular Weight:	159.23
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pargyline (Standard) is the analytical standard of Pargyline. This product is intended for research and analytical applications. Pargyline is an irreversible monoamine oxidase (MAO) inhibitor with K_i s of 13 μ M and 0.5 μ M for MAO-A and MAO-B, respectively. Pargyline has antihypertensive and anticancer activities^{[1][2][3]}. Pargyline 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]. C J Fowler, et al. The nature of the inhibition of rat liver monoamine oxidase types A and B by the acetylenic inhibitors clorgyline, l-deprenyl and pargyline. *Biochem Pharmacol.* 1982 Nov 15;31(22):3555-61.
- [2]. Hyung Tae Lee, et al. Effects of the monoamine oxidase inhibitors pargyline and tranlycypromine on cellular proliferation in human prostate cancer cells. *Oncol Rep.* 2013 Oct;30(4):1587-92.
- [3]. Fuentes JA, et al. Central mediation of the antihypertensive effect of pargyline in spontaneously hypertensive rats. *Eur J Pharmacol.* 1979 Jul 15;57(1):21-7.

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

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