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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

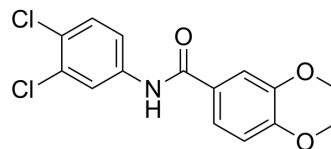
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Monoamine Oxidase B inhibitor 4

Cat. No.:	HY-161674
CAS No.:	424794-91-2
Molecular Formula:	C ₁₅ H ₁₁ Cl ₂ NO ₃
Molecular Weight:	324.16
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Monoamine Oxidase B inhibitor 4 (compound 1l) is a selective inhibitor of human monoamine oxidase-B (hMAO-B) (IC ₅₀ =8.3 nM). Monoamine Oxidase B inhibitor 4 also has anti-neuroinflammatory and low neurotoxicity. Monoamine Oxidase B inhibitor 4 can inhibit the release of NO, TNF- α and IL-1 β stimulated by LPS and A β 1-42, and can also attenuate A β (1-42)-induced cytotoxicity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 8.3 nM (hMAO-B) ^[1]

REFERENCES

[1]. Sun D, et al. Benzodioxane Carboxamide Derivatives As Novel Monoamine Oxidase B Inhibitors with Antineuroinflammatory Activity[J]. ACS Medicinal Chemistry Letters, 2024.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA