



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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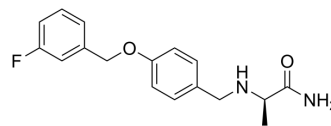
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(R)-Safinamide

Cat. No.:	HY-14203
CAS No.:	174756-44-6
Molecular Formula:	C ₁₇ H ₁₉ FN ₂ O ₂
Molecular Weight:	302.34
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (413.44 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.3075 mL	16.5377 mL	33.0753 mL
5 mM	0.6615 mL	3.3075 mL	6.6151 mL		
10 mM	0.3308 mL	1.6538 mL	3.3075 mL		

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description (R)-Safinamide, the enantiomer of safinamide (HY-70057), can inhibit MAO-B with an IC₅₀ value of 0.45 μM^[1].

IC₅₀ & Target IC₅₀: 0.45 μM (MAO-B)^[1].

REFERENCES

[1]. Ledesma A E, et al. A combined theoretical and experimental study on the structure, vibrational, and electronic properties of antiparkinsonian drug safinamide[J]. SN Applied Sciences, 2020, 2(11): 1895.

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

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