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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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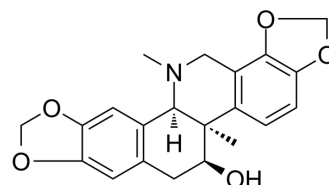
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Corynoline

Cat. No.:	HY-N0826
CAS No.:	18797-79-0
Molecular Formula:	C ₂₁ H ₂₁ NO ₅
Molecular Weight:	367.4
Target:	Cholinesterase (ChE); Keap1-Nrf2
Pathway:	Neuronal Signaling; NF-κB
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 41.67 mg/mL (113.42 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7218 mL	13.6091 mL	27.2183 mL
	5 mM		0.5444 mL	2.7218 mL	5.4437 mL
	10 mM		0.2722 mL	1.3609 mL	2.7218 mL

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

BIOLOGICAL ACTIVITY

Description

Corynoline is a reversible and noncompetitive acetylcholinesterase (AChE) inhibitor with an IC₅₀ of 30.6 μM^[1]. Corynoline exhibits anti-inflammatory activity by activating Nrf2^[2].

CUSTOMER VALIDATION

- Biomed Pharmacother. June 2022, 113075.
- Immunopharmacol Immunotoxicol. 2022 Aug 18;1-9.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Kim DK. Inhibitory effect of corynoline isolated from the aerial parts of *Corydalis incisa* on the acetylcholinesterase. Arch Pharm Res. 2002 Dec;25(6):817-9.

[2]. Liu B, et al. Corynoline Exhibits Anti-inflammatory Effects in Lipopolysaccharide (LPS)-Stimulated Human Umbilical Vein Endothelial Cells through Activating Nrf2. Inflammation. 2018 Oct;41(5):1640-1647.

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

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