



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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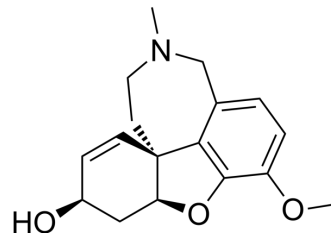
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Galanthamine (Standard)

Cat. No.:	HY-76299R
CAS No.:	357-70-0
Molecular Formula:	C ₁₇ H ₂₁ NO ₃
Molecular Weight:	287.35
Target:	Apoptosis; Cholinesterase (ChE)
Pathway:	Apoptosis; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Galanthamine (Standard) is the analytical standard of Galanthamine. This product is intended for research and analytical applications. Galanthamine is a potent acetylcholinesterase (AChE) inhibitor with an IC ₅₀ of 500 nM.
IC ₅₀ & Target	IC ₅₀ : 0.5 μM (AChE) ^[1]

REFERENCES

- [1]. Melanie-Jayne R. Howes, et al. Acetylcholinesterase inhibitors of natural origin. International Journal of Research in Pharmaceutical and Biomedical Sciences 3(SI 1):67-86.
- [2]. Kuryatov A, et al. Roles of accessory subunits in alpha4beta2(*) nicotinic receptors. Mol Pharmacol. 2008 Jul;74(1):132-43.
- [3]. Kita Y, et al. Galantamine increases hippocampal insulin-like growth factor 2 expression via α7 nicotinic acetylcholine receptors in mice. Psychopharmacology (Berl). 2013 Feb;225(3):543-51.

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

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