



# 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

### SZABO-SCANDIC HandelsgmbH

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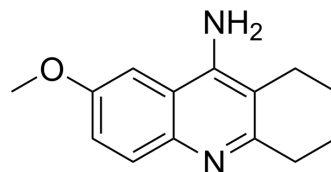
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## 7-Methoxytacrine

Cat. No.:	HY-W049312
CAS No.:	5778-80-3
Molecular Formula:	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O
Molecular Weight:	228.29
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	7-Methoxytacrine (7-MEOTA) is an inhibitor of human acetylcholinesterase (hAChE) with an IC <sub>50</sub> value of 10 μM, and can be used for the research of Alzheimer's disease (AD) <sup>[1]</sup> .	
IC <sub>50</sub> & Target	hAChE 10.5 μM (IC <sub>50</sub> )	hBCHE 21 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Spilovska K, et al. 7-Methoxytacrine-adamantylamine heterodimers as cholinesterase inhibitors in Alzheimer's disease treatment--synthesis, biological evaluation and molecular modeling studies. *Molecules*. 2013;18(2):2397-2418. Published 2013 Feb 20.

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

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