



# 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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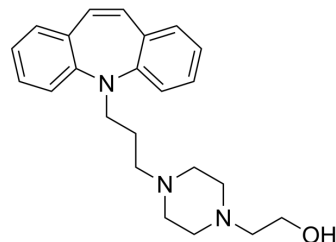
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## Opipramol (Standard)

Cat. No.:	HY-118901R
CAS No.:	315-72-0
Molecular Formula:	C <sub>23</sub> H <sub>29</sub> N <sub>3</sub> O
Molecular Weight:	363.5
Target:	Sigma Receptor
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Opipramol (Standard) is the analytical standard of Opipramol. This product is intended for research and analytical applications. Opipramol (Ensidon) is an atypical tricyclic antidepressant (TCA). Opipramol acts primarily as a sigma ( $\sigma$ ) receptor agonist and can potentially interact with sigma recognition sites with a $K_i$ value of 50 nM. Opipramol can be used for the research of generalized anxiety disorder (GAD) <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Ki: 50 nM ( $\sigma$ receptor); IC <sub>50</sub> : 5.5 $\mu$ M ([ <sup>3</sup> H] DA) <sup>[1]</sup> .

### REFERENCES

[1]. H J Möller, et al. Opipramol for the treatment of generalized anxiety disorder: a placebo-controlled trial including an alprazolam-treated group. J Clin Psychopharmacol. 2001 Feb;21(1):59-65.

[2]. T S Rao, et al. Neurochemical characterization of dopaminergic effects of opipramol, a potent sigma receptor ligand, in vivo. Neuropharmacology. 1990 Dec;29(12):1191-7.

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

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