



# 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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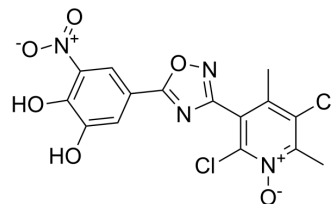
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## Opicapone (Standard)

<b>Cat. No.:</b>	HY-14896R
<b>CAS No.:</b>	923287-50-7
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	413.17
<b>Target:</b>	COMT
<b>Pathway:</b>	Metabolic Enzyme/Protease; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Opicapone (Standard) is the analytical standard of Opicapone. This product is intended for research and analytical applications. Opicapone (BIA 9-1067) is a potent third-generation catechol-O-methyltransferase (COMT) inhibitor for the research of Parkinson's disease and motor fluctuations. Opicapone decreases the ATP content of the cells with an IC <sub>50</sub> of 98 μM <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	COMT <sup>[1]</sup>

### REFERENCES

- [1]. Bonifácio MJ, et al. Pharmacological profile of Opicapone, a third-generation nitrocatechol catechol-O-methyl transferase inhibitor, in the rat. *Br J Pharmacol.* 2015 Apr;172(7):1739-52.
- [2]. Ferreira JJ, et al. Opicapone as an adjunct to L-DOPA in patients with Parkinson's disease and end-of-dose motor fluctuations: a randomised, double-blind, controlled trial. *Lancet Neurol.* 2016 Feb;15(2):154-165.

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

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