



# 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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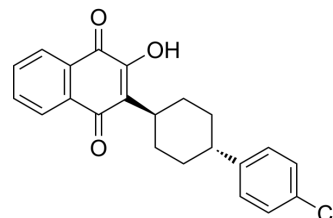
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## Atovaquone (Standard)

<b>Cat. No.:</b>	HY-13832R
<b>CAS No.:</b>	95233-18-4
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>19</sub> ClO <sub>3</sub>
<b>Molecular Weight:</b>	366.84
<b>Target:</b>	Bacterial; Parasite; Antibiotic; Cytochrome P450
<b>Pathway:</b>	Anti-infection; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Atovaquone (Standard) is the analytical standard of Atovaquone. This product is intended for research and analytical applications. Atovaquone (Atavaquone) is a potent, selective and orally active inhibitor of the parasite's mitochondrial cytochrome <i>bc1</i> complex. Atovaquone is against human and <i>P. falciparum</i> cytochrome bc1 activity with IC <sub>50</sub> values of 460 nM and 2.0 nM, respectively. Atovaquone is an antimalarial agent and has the potential for the investigation of pneumocystis pneumonia, toxoplasmosis, malaria, and babesia <sup>[1][2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 460 nM (human cytochrome bc1); 2.0 nM ( <i>P. falciparum</i> cytochrome bc1) <sup>[1]</sup>

### REFERENCES

[1]. Nilsen A, et al. Quinolone-3-diarylethers: a new class of antimalarial drug. *Sci Transl Med.* 2013 Mar 20;5(177):177ra37.

[2]. Schöler N, et al. Atovaquone nanosuspensions show excellent therapeutic effect in a new murine model of reactivated toxoplasmosis. *Antimicrob Agents Chemother.* 2001 Jun;45(6):1771-9.

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

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