



# 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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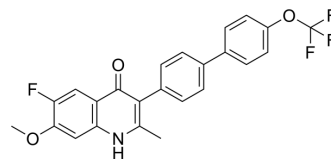
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## ELQ-650

Cat. No.:	HY-163484
CAS No.:	3023710-00-8
Molecular Formula:	C <sub>24</sub> H <sub>17</sub> F <sub>4</sub> NO <sub>3</sub>
Molecular Weight:	443.39
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	ELQ-650 is a quinolone derivative, that exhibits antimicrobial activity against several protozoan parasites, including the intraerythrocytic parasites Plasmodium and Babesia. ELQ-650 attenuates babesiosis in immunosuppressed mice <sup>[1]</sup> .
In Vitro	ELQ-650 (1 nM-1 μM, 62 h) inhibits growth of B. duncani parasites, with IC <sub>50</sub> of 22 nM, reveals slightly cytotoxicity in human cell lines HeLa, HepG2, HEK293, and HCT116, with an average IC <sub>50</sub> of 26 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Vidyam P, et al., Effectiveness of Two New Endochin-like Quinolones, ELQ-596 and ELQ-650, in Experimental Mouse Models of Human Babesiosis. ACS Infect Dis. 2024 Apr 12;10(4):1405-1413.

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

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