



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

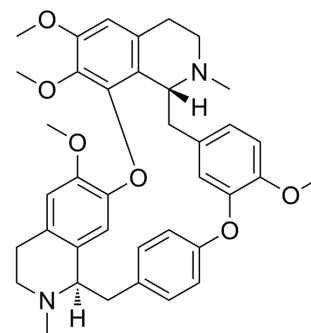
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Pheanthine

Cat. No.:	HY-N8374
CAS No.:	1263-79-2
Molecular Formula:	C <sub>38</sub> H <sub>42</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	622.75
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pheanthine (Compound 2) is an antiplasmodial agent, that inhibits chloroquine-resistant *Plasmodium falciparum* K-1 (IC<sub>50</sub> is 0.8 μM) and chloroquine-sensitive *P. falciparum* strain NF54 A19A (IC<sub>50</sub> of 0.03 μM). Pheanthine exhibits low cytotoxicity in human lung fibroblast (MRC-5, IC<sub>50</sub> is 11.2 μM) and macrophages (PMM, IC<sub>50</sub> is 8 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Cimanga Kanyanga R., et al., Isolation and structure elucidation of two antiprotozoal bisbenzylisoquinoline alkaloids from *Triclisia gillettii* stem bark. *Phytochemistry Letters*. 2018.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA