



# 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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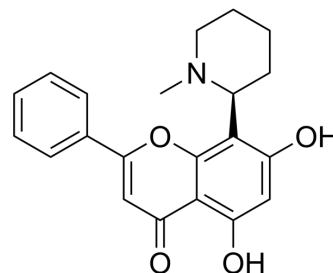
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## (S)-(-)-O-Demethylbuchenavianine

Cat. No.:	HY-N12625A
CAS No.:	91147-18-1
Molecular Formula:	C <sub>21</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight:	351.4
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(S)-(-)-O-Demethylbuchenavianine (Compound (S)-(-)-1) is a flavonoidal alkaloids. (S)-(-)-O-Demethylbuchenavianine is a potent CDK inhibitor, with IC<sub>50</sub> values of 0.03 and 0.05 μM for CDK1 and CDK5, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Nguyen TB, et al. Synthesis, biological evaluation, and molecular modeling of natural and unnatural flavonoidal alkaloids, inhibitors of kinases. J Med Chem. 2012 Mar 22;55(6):2811-9.

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

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