



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

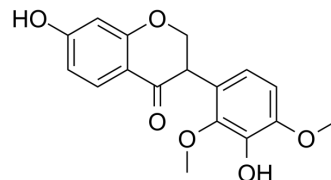
mail@szabo-scandic.com

www.szabo-scandic.com

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

Violanone

Cat. No.:	HY-N9842
CAS No.:	52250-38-1
Molecular Formula:	C ₁₇ H ₁₆ O ₆
Molecular Weight:	316.31
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Violanone, an isoflavanone compound, can inhibit tubulin polymerization. Violanone also exhibits larvicidal activity against <i>A. aegypti</i> ^{[1][2]} .
IC ₅₀ & Target	Microtubule/Tubulin ^[1]
In Vitro	Violanone inhibits the microtubule assembly by 16% ^[1] . Violanone shows larvicidal activity against <i>A. aegypti</i> , with an LC ₅₀ of 157.55 µg/mL ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Deesamer S, et, al. Synthesis and biological evaluation of isoflavone analogues from *Dalbergia oliveri*. *Tetrahedron*. 2007 Dec 24; 63(52): 12986-12993.
- [2]. Bezerra-Silva PC, et, al. Extract of *Bowdichia virgilioides* and maackiain as larvicidal agent against *Aedes aegypti* mosquito. *Exp Parasitol*. 2015 Jun;153:160-4.

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

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