



# 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

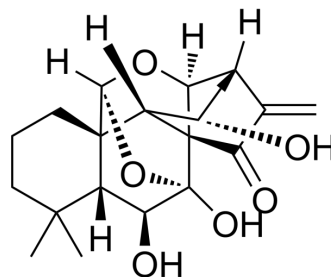
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Macrocalin B

Cat. No.:	HY-129334
CAS No.:	93781-75-0
Molecular Formula:	C <sub>20</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	362.42
Target:	Telomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Macrocalin B is a diterpenoid, which can be isolated from *Isodon xerophilus*. Macrocalin B inhibits the proliferation of cancer cells K562, HL-60, A549, MKN, CA and HCT with IC<sub>50</sub> of 2.81-171 μM. Macrocalin B inhibits the telomerase in K562 with an IC<sub>50</sub> in nanomolar level<sup>[1]</sup>.

### REFERENCES

[1]. Yang Y, et al., Effects of three diterpenoids on tumour cell proliferation and telomerase activity. *Nat Prod Res.* 2009;23(11):1007-12.

**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