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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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

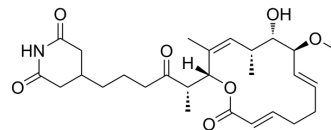
mail@szabo-scandic.com

www.szabo-scandic.com

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

Migrastatin

Cat. No.:	HY-121452
CAS No.:	314245-65-3
Molecular Formula:	C ₂₇ H ₃₉ NO ₇
Molecular Weight:	489.6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Migrastatin is a typical Fascin1 inhibitor. Migrastatin is isolated from a cultured broth of Streptomyces sp. MK929-43F1. Migrastatin inhibits tumor cell migration ^{[1][2]} .
IC₅₀ & Target	Fascin1 ^[1]
In Vitro	Migrastatin (100 μM) leads to the disorganization of the bundles. Migrastatin (100 μM; HCT-116 and DLD-1 cells) prevents cell migration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Montoro-García S, et al. Novel anti-invasive properties of a Fascin1 inhibitor on colorectal cancer cells. *J Mol Med (Berl)*. 2020;98(3):383-394.
- [2]. Nakae K, et al. Migrastatin, a new inhibitor of tumor cell migration from Streptomyces sp. MK929-43F1. Taxonomy, fermentation, isolation and biological activities. *J Antibiot (Tokyo)*. 2000;53(10):1130-1136.

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