



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

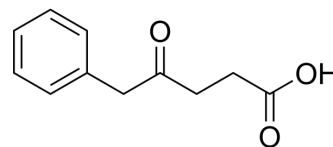
mail@szabo-scandic.com

www.szabo-scandic.com

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

5-Phenyllevulinic acid

Cat. No.:	HY-W714837
CAS No.:	3183-15-1
Molecular Formula:	C ₁₁ H ₁₂ O ₃
Molecular Weight:	192.21
Target:	Bacterial; Fungal; Antibiotic; Drug Intermediate; Endogenous Metabolite; Sigma Receptor
Pathway:	Anti-infection; Others; Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Phenyllevulinic acid (4-Oxo-5-phenylpentanoic acid) is an endogenous fungal metabolite with inhibitory activity against the bacterium *B. megaterium*, the plant pathogenic fungus *S. tritici*, and the alga *C. fusca*. 5-Phenyllevulinic acid is also an intermediate in the synthesis of σ receptor ligands. 5-Phenyllevulinic acid holds potential for research in the field of anti-infection studies [2].

REFERENCES

- [1]. Lu S, et al. Bioactive aromatic derivatives from endophytic fungus, *Cytospora* sp. *Nat Prod Commun*. 2011 May;6(5):661-6.
- [2]. Ketterer C, et al. Lipase-Catalyzed Kinetic Resolution of 2-Phenylethanol Derivatives and Chiral Oxa-Pictet-Spengler Reaction as the Key Steps in the Synthesis of Enantiomerically Pure Tricyclic Amines[J]. *European Journal of Organic Chemistry*, 2012, 2012(12): 2428-2444.

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