



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

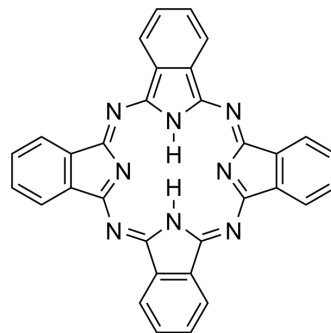
mail@szabo-scandic.com

www.szabo-scandic.com

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

Phthalocyanine

Cat. No.:	HY-121310
CAS No.:	574-93-6
Molecular Formula:	C ₃₂ H ₁₈ N ₈
Molecular Weight:	514.54
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Phthalocyanine is a photosensitizer. Phthalocyanine has a light-killing effect on bacterial biofilms, effectively inactivating bacteria. Phthalocyanine can be linked to anticancer drugs to target cancer. Phthalocyanine can also be used to develop chemical sensors for studying microbial infections and tumors^{[1][2]}.

REFERENCES

- [1]. Spesia MB, et al. Evolution of Phthalocyanine Structures as Photodynamic Agents for Bacteria Inactivation. Chem Rec. 2022 Apr;22(4):e202100292.
- [2]. Rennie CC, et al. Targeted cancer phototherapy using phthalocyanine-anticancer drug conjugates. Dalton Trans. 2022 Sep 13;51(35):13157-13175.

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