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Produktinformation



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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) 

Bilirubin oxidase, bacillus cereus

Cat. No.:	HY-P2888A	
CAS No.:	80619-01-8	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Bilirubin oxidase, bacillus cereus
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Bilirubin oxidase, bacillus cereus is a multi-copper oxidase that catalyzes the oxidation of bilirubin into biliverdin, as well as other tetrapyrroles, phenols, and aryl diamines. Bilirubin oxidase, bacillus cereus can serve as a single-enzyme deoxygenator, catalyzing the direct reduction of oxygen to water in the presence of electron donor substrates, without releasing hydrogen peroxide. Bilirubin oxidase, bacillus cereus can be used to develop enzyme-based biosensors^[1].

REFERENCES

[1]. Monteiro T, et al. Bilirubin oxidase as a single enzymatic oxygen scavenger for the development of reductase-based biosensors in the open air and its application on a nitrite biosensor. Biosens Bioelectron. 2022 Dec 1;217:114720.

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