



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

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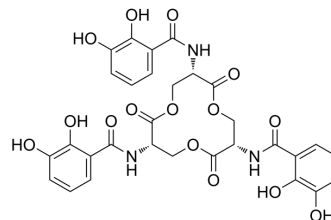
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Enterobactin

Cat. No.:	HY-128525	
CAS No.:	28384-96-5	
Molecular Formula:	C ₃₀ H ₂₇ N ₃ O ₁₅	
Molecular Weight:	669.55	
Target:	Bacterial	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (149.35 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.4935 mL	7.4677 mL	14.9354 mL
5 mM	0.2987 mL	1.4935 mL	2.9871 mL
10 mM	0.1494 mL	0.7468 mL	1.4935 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Enterobactin is a bacterial siderophore that promotes iron absorption and can be used to study inflammation. Enterobactin also disrupts macrophage (MΦs) iron homeostasis and M1/M2 polarization to protect intracellular bacteria from host antimicrobial effects^[1].

REFERENCES

[1]. Saha P, et al. The bacterial siderophore enterobactin confers survival advantage to Salmonella in macrophages. *Gut Microbes*. 2019;10(3):412-423.

Caution: Product has not been fully validated for medical applications. For research use only.

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