



# 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

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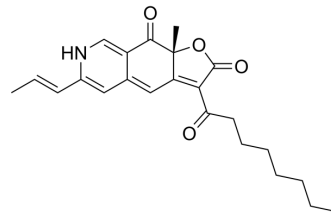
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## Monascorubramine

Cat. No.:	HY-N11071	
CAS No.:	3627-51-8	
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> NO <sub>4</sub>	
Molecular Weight:	381.46	
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 : 7.6 mg/mL (19.92 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6215 mL	13.1075 mL	26.2151 mL
	5 mM	0.5243 mL	2.6215 mL	5.2430 mL
	10 mM	0.2622 mL	1.3108 mL	2.6215 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Monascorubramine is a microbial colorant. Monascorubramine is capable of producing by the *Monascus*, which is from the bacteria *Talaromyces*. Under the condition of different pH value, the hue and chromaticity value of the colorant are also different<sup>[1]</sup>.

### REFERENCES

[1]. de Oliveira F, et al. Water-soluble fluorescent red colorant production by *Talaromyces amestolkiae*. *Appl Microbiol Biotechnol*. 2019 Aug;103(16):6529-6541.

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

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