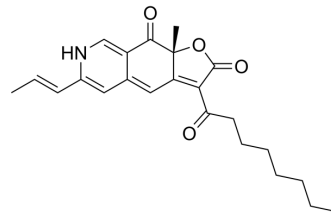


Monascorubramine

Cat. No.:	HY-N11071		
CAS No.:	3627-51-8		
Molecular Formula:	C ₂₃ H ₂₇ NO ₄		
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^[1].

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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