



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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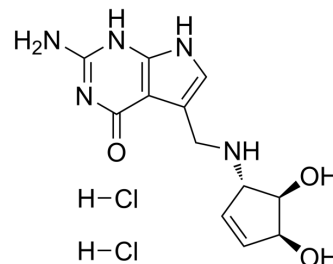
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Queuine dihydrochloride

Cat. No.:	HY-N10574A
CAS No.:	86496-18-6
Molecular Formula:	C ₁₂ H ₁₇ Cl ₂ N ₅ O ₃
Molecular Weight:	350.2
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (285.55 mM); ultrasonic and warming and heat to 60°C

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8555 mL	14.2776 mL	28.5551 mL
	5 mM	0.5711 mL	2.8555 mL	5.7110 mL
	10 mM	0.2856 mL	1.4278 mL	2.8555 mL

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

BIOLOGICAL ACTIVITY

Description

Queuine dihydrochloride is a super-modified nucleobase, modified to queuosine dihydrochloride. Queuine dihydrochloride is an important micronutrient that can be used in the study of human intestinal microbial-related diseases^[1].

REFERENCES

[1]. Yifeng Yuan, et al. Discovery of novel bacterial queuine salvage enzymes and pathways in human pathogens. Proc Natl Acad Sci U S A. 2019 Sep 17;116(38):19126-19135.

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

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