



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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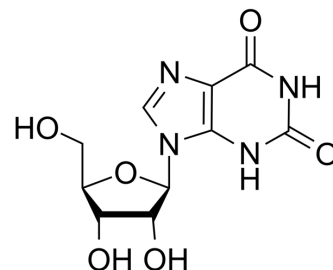
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Xanthosine

Cat. No.:	HY-W011527		
CAS No.:	146-80-5		
Molecular Formula:	C ₁₀ H ₁₂ N ₄ O ₆		
Molecular Weight:	284		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 33.33 mg/mL (117.36 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.5211 mL	17.6056 mL	35.2113 mL
	5 mM	0.7042 mL	3.5211 mL	7.0423 mL
	10 mM	0.3521 mL	1.7606 mL	3.5211 mL

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

BIOLOGICAL ACTIVITY

Description

Xanthosine is a nucleoside derived from xanthine and ribose. Xanthosine can increase mammary stem cell population and milk production in cattle and goats^[1].

IC₅₀ & Target

Human Endogenous Metabolite

Microbial Metabolite

Human Endogenous Metabolite

Microbial Metabolite

CUSTOMER VALIDATION

- Talanta. 2023 Sep 6, 125171.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Choudhary S, et, al. Examination of the xanthosine response on gene expression of mammary epithelial cells using RNA-seq technology. J Anim Sci Technol. 2018 Jul 13;60:18.

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

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