



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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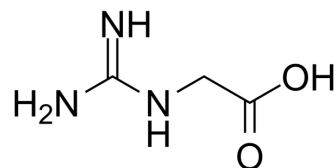
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Glycoamine

Cat. No.:	HY-W021448		
CAS No.:	352-97-6		
Molecular Formula:	C ₃ H ₇ N ₃ O ₂		
Molecular Weight:	117.11		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

1M HCl : 50 mg/mL (426.95 mM; ultrasonic and adjust pH to 1 with HCl)
 H₂O : 5 mg/mL (42.69 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	8.5390 mL	42.6949 mL	85.3898 mL
5 mM	1.7078 mL	8.5390 mL	17.0780 mL
10 mM	0.8539 mL	4.2695 mL	8.5390 mL

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

BIOLOGICAL ACTIVITY

Description

Glycoamine (Guanidinoacetic acid), a precursor of creatine, is a replacement of dietary arginine and could support overall energy homeostasis of the bird.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Dilger RN, et al. Dietary guanidino acetic acid is an efficacious replacement for arginine for young chicks. Poult Sci. 2013 Jan;92(1):171-7.

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

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