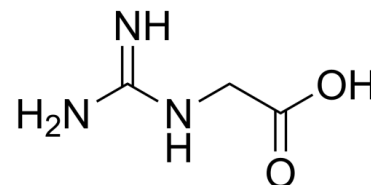


Data Sheet

| | |
|---------------------------|---|
| Product Name: | Glycoamine |
| Cat. No.: | CS-0040590 |
| 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 |
| Solubility: | 1M HCl : 50 mg/mL (ultrasonic;adjust pH to 1 with HCl);H ₂ O : 5 mg/mL (ultrasonic;warming;heat to 60°C) |



BIOLOGICAL ACTIVITY:

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

References:

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

CAIndexNames:

Glycine,N-(aminoiminomethyl)-

SMILES:

O=C(O)CNC(N)=N

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

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