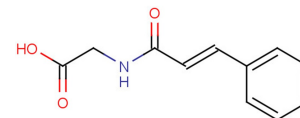


Cinnamoylglycine

Chemical Properties

CAS No.:	16534-24-0
Formula:	C ₁₁ H ₁₁ NO ₃
Molecular Weight:	205.21
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Cinnamoylglycine is a glycine conjugate of cinnamic acid and a urinary metabolite in humans. It is used as a potential urinary biomarker.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.873 mL	24.365 mL	48.731 mL
5 mM	0.975 mL	4.873 mL	9.746 mL
10 mM	0.487 mL	2.437 mL	4.873 mL
50 mM	0.097 mL	0.487 mL	0.975 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Obrenovich ME, et al. Targeted Metabolomics Analysis Identifies Intestinal Microbiota-Derived Urinary Biomarkers of Colonization Resistance in Antibiotic-Treated Mice. *Antimicrob Agents Chemother.* 2017 Jul 25;61(8). pii: e00477-17.

Inhibitors · Natural Compounds · Compound Libraries

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