

Citrinin

Chemical Properties

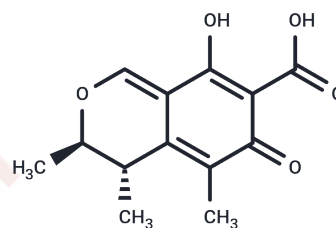
CAS No. : 518-75-2

Formula: C₁₃H₁₄O₅

Molecular Weight: 250.25

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Citrinin is a mycotoxin that causes contamination in the food and is associated with different toxic effects. Citrinin also possesses a broad spectrum of bioactivities, including antifungal, antibacterial, and potential anticancer and neuroprotective effects in vitro.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.996 mL	19.980 mL	39.960 mL
5 mM	0.7992 mL	3.996 mL	7.992 mL
10 mM	0.3996 mL	1.998 mL	3.996 mL
50 mM	0.0799 mL	0.3996 mL	0.7992 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- de Oliveira Filho JWG, et al, A comprehensive review on biological properties of citrinin. Food Chem Toxicol. 2017 Dec;110:130-141.
- Čulig B, et al. PRESENCE OF CITRININ IN GRAINS AND ITS POSSIBLE HEALTH EFFECTS. Afr J Tradit Complement Altern Med. 2017 Mar 1;14(3):22-30

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481