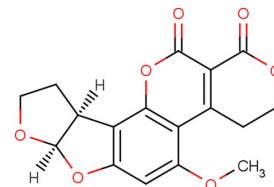


Aflatoxin G2

Chemical Properties

CAS No.:	7241-98-7
Formula:	C ₁₇ H ₁₄ O ₇
Molecular Weight:	330.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Aflatoxin G2 is a major naturally produced aflatoxin. It is a mycotoxin produced by the fungi <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> .
Targets(IC ₅₀)	Others: 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	3.028 mL	15.138 mL	30.276 mL
5 mM	0.606 mL	3.028 mL	6.055 mL
10 mM	0.303 mL	1.514 mL	3.028 mL
50 mM	0.061 mL	0.303 mL	0.606 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. Kumar P, et al. Aflatoxins: A Global Concern for Food Safety, Human Health and Their Management. *Front Microbiol.* 2017 Jan 17;7:2170.

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