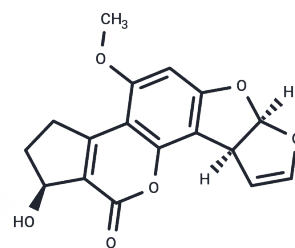


Aflatoxicol

Chemical Properties

CAS No. :	29611-03-8
Formula:	C ₁₇ H ₁₄ O ₆
Molecular Weight:	314.29
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Aflatoxin (Aflatoxin R0) is a mutagenic and carcinogenic mycotoxin that is derived from aflatoxin B1 through metabolic processes facilitated by Rhizopus spp.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1818 mL	15.9089 mL	31.8177 mL
5 mM	0.6364 mL	3.1818 mL	6.3635 mL
10 mM	0.3182 mL	1.5909 mL	3.1818 mL
50 mM	0.0636 mL	0.3182 mL	0.6364 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Nakazato M, et al. Interconversion of aflatoxin B1 and aflatoxicol by several fungi. Appl Environ Microbiol. 1990 May;56(5):1465-70.

Carvajal M, et al. Aflatoxin B1 and its interconverting metabolite aflatoxicol in milk: the situation in Mexico. Food Addit Contam. 2003 Nov;20(11):1077-86.

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