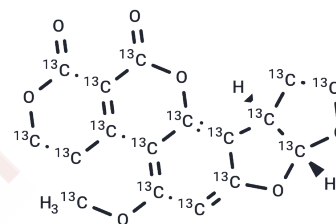


## Aflatoxin G2-13C17

## Chemical Properties

CAS No. :	1217462-49-1
Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>7</sub>
Molecular Weight:	347.162
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 G2-13C17 is intended for use as an internal standard for the quantification of aflatoxin G2 by GC- or LC-MS. Aflatoxin G2 is a mycotoxin that has been found in <i>Aspergillus</i> . It is lethal to ducklings (LD50= 2.83 mg/kg) but is non-toxic to rats when administered at a dose of 200 mg/kg.
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## Solubility Information

Solubility	Acetonitrile: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8805 mL	14.4026 mL	28.8052 mL
5 mM	0.5761 mL	2.8805 mL	5.761 mL
10 mM	0.2881 mL	1.4403 mL	2.8805 mL
50 mM	0.0576 mL	0.2881 mL	0.5761 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

Bennett, J.W., and Klich, M. *Mycotoxins Clin. Microbiol. Rev.* 16(3)497-516(2003)

Wogan, G.N., Edwards, G.S., and Newberne, P.M. *Structure-activity relationships in toxicity and carcinogenicity of aflatoxins and analogs Cancer Res.* 31(12)1936-1942(1971)

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