

---

## Product Data Sheet

---

Product Name: Aflatoxin M2

Cat. No.: GC18285

### Chemical Properties

Cas. No. 6885-57-0

Chemical Name 2,3,6a,8,9,9a-hexahydro-9a-hydroxy-4-methoxy-cyclopenta[c]furo[3',2':4,5]furo[2,3-h][1]benzopyran-1,11-dione

SMILES O=C1C2=C(CCC2=O)C3=C(C(C(CCO4)(O)C4O5)=C5C=C3OC)O1

Formula  $C_{17}H_{14}O_7$  M.Wt 330.3

Solubility Dichloromethane: 1mg/ml Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

### Background

Aflatoxin M2 is a major metabolite of Aflatoxin B1. Aflatoxin M2 is a mycotoxin produced by the fungi *Aspergillus flavus* and *Aspergillus parasiticus*. The level of toxicity associated with Aflatoxin is Aflatoxin B1>Aflatoxin M1>Aflatoxin G1>Aflatoxin B2>Aflatoxin M2>Aflatoxin G2[1].

References:

[1]. Kumar P, et al. Aflatoxins: A Global Concern for Food Safety, Human Health and Their Management. *Front Microbiol.* 2017 Jan 17;7:2170.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA