



LKT Laboratories, Inc.

Aflatoxin M2

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Product Information

Product ID A2054

CAS No. 6885-57-0

Chemical Name

Synonym

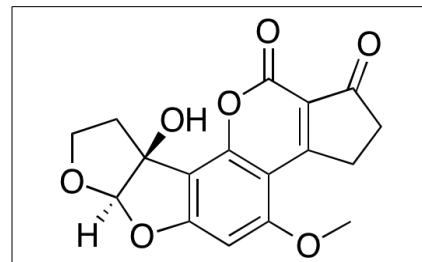
Formula $C_{17}H_{14}O_7$

Formula Wt. 330.29

Melting Point 237-240°C

Purity ≥98%

Solubility DMSO, Ethanol, petrol ether. Not soluble in water



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A2054	100 µg	\$661.90
A2054	1 mg	\$4815.10

Store Temp 4°C

Ship Temp Ambient

Description Aflatoxins are mycotoxins found in foods and livestock feeds that were initially produced by species of *Aspergillus*. Aflatoxin M2 is the hydroxylated metabolite of aflatoxin B2; it inhibits DNA synthesis and induces cell cycle arrest.

References Bianco G, Russo R, Marzocco S, et al. Modulation of macrophage activity by aflatoxins B1 and B2 and their metabolites aflatoxins M1 and M2. *Toxicon*. 2012 May;59(6):644-50. PMID: 22402176.

Dutton MF, Ehrlich K, Bennett JW. Biosynthetic relationship among aflatoxins B1, B2, M1, and M2. *Appl Environ Microbiol*. 1985 Jun;49(6):1392-5. PMID: 3925881.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.