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DATASHEET

5-Methoxysterigmatocystin

Product overview

Name 5-Methoxysterigmatocystin

Cat No HB3727 Purity >98%

Description Mycotoxin. Derivative of sterigmatocystin.

Biological Data

Biological description Mycotoxin. Derivative of sterigmatocystin. Carcinogenic activity. Anticancer compound. Cytotoxic and

genotoxic.

Solubility & Handling

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure 354.3 OH O OCH₃ OCH₃ H''''H

CAS Number 22897-08-1

PubChem identifier

 SMILES
 COc1ccc(O)c2C(=O)c3c(OC)cc4O[C@@H]5OC=C[C@@H]5c4c3Oc12

 InChiKey
 VVRUNWFPOWIBDY-WPCRTTGESA-N

Appearance Pale yellow powder