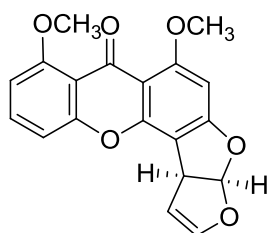


O-Methylsterigmatocystin

Code No.: **BIA-M1214**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 17878-69-2
Molecular Formula	: C ₁₉ H ₁₄ O ₆
Molecular Weight	: 338.3
Source	: <i>Chaetomium</i> sp.
Appearance	: Pale yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.

Application Notes

O-Methylsterigmatocystin is a xanthone isolated from several species of *Aspergillus* and *Chaetomium*. O-Methylsterigmatocystin is structurally related to the aflatoxins and, while it is considered mutagenic, teratogenic and carcinogenic, it is less widespread and potent than the aflatoxins. Research on this metabolite has largely focused on its genetic and phenotypic relationship to aflatoxins.

References

1. O-Methylsterigmatocystin, a new metabolite of *Aspergillus flavus*. Burkhardt H.J. & Forgacs J., Tetrahedron 1968, 24, 717.

Updated: 2 December 2014