



O-methylsterigmatocystin PRODUCT DATA SHEET

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Product Name:	O-methylsterigmatocystin
Product Number:	M052
CAS Number:	17878-69-2
Molecular Formula:	$C_{19}H_{14}O_6$
Molecular Weight:	338.3
Appearance:	Pale yellow solid
Storage Conditions:	-20°C
Description:	<p>O-Methylsterigmatocystin is a xanthone isolated from several species of <i>Aspergillus</i> and <i>Chaetomium</i>. 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.</p> <p>O-Methylsterigmatocystin is soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.</p>
References:	<p>O-Methylsterigmatocystin, a new metabolite of <i>Aspergillus flavus</i>. Burkhardt H.J. & Forgacs J., <i>Tetrahedron</i> 1968, 24, 717.</p>

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