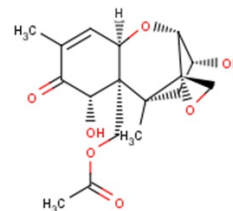


15-Acetyl-deoxynivalenol

Chemical Properties

CAS No.:	88337-96-6
Formula:	C ₁₇ H ₂₂ O ₇
Molecular Weight:	338.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	15-Acetyl-deoxynivalenol is a highly toxic trichothecene found in cereals and exhibits toxicity to HepG2 cells.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.956 mL	14.778 mL	29.555 mL
5 mM	0.591 mL	2.956 mL	5.911 mL
10 mM	0.296 mL	1.478 mL	2.956 mL
50 mM	0.059 mL	0.296 mL	0.591 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Juan-García A, et al. Binary and tertiary combination of alternariol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on HepG2 cells: Toxic effects and evaluation of degradation products. *Toxicol In Vitro*. 2016 Aug;34:264-273.

Inhibitors · Natural Compounds · Compound Libraries

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