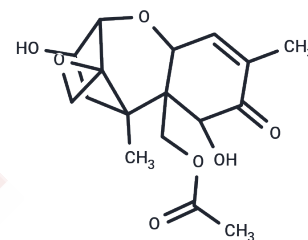


15-Acetyl-deoxynivalenol

Chemical Properties

CAS No. :	88337-96-6
Formula:	C ₁₇ H ₂₂ O ₇
Molecular Weight:	338.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	15-Acetyl-deoxynivalenol, a highly toxic trichothecene found in cereals, exhibits toxicity to HepG2 cells.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9555 mL	14.7776 mL	29.5552 mL
5 mM	0.5911 mL	2.9555 mL	5.911 mL
10 mM	0.2956 mL	1.4778 mL	2.9555 mL
50 mM	0.0591 mL	0.2956 mL	0.5911 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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