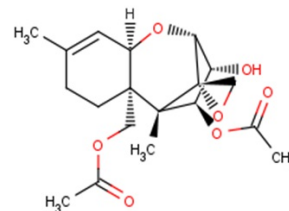


## Diacetoxyscirpenol

## Chemical Properties

CAS No.:	2270-40-8
Formula:	C <sub>19</sub> H <sub>26</sub> O <sub>7</sub>
Molecular Weight:	366.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Diacetoxyscirpenol, a trichothecene mycotoxin, is a secondary metabolite product of fungi. Diacetoxyscirpenol consumption induces hematological disorders in humans and animals.
Targets(IC <sub>50</sub> )	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	2.729 mL	13.646 mL	27.292 mL
5 mM	0.546 mL	2.729 mL	5.458 mL
10 mM	0.273 mL	1.365 mL	2.729 mL
50 mM	0.055 mL	0.273 mL	0.546 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. Lautraite S, et al. In vitro effects of diacetoxyscirpenol (DAS) on human and rat granulo-monocytic progenitors. Mycopathologia. 1997;140(1):59-64.
2. Hoerr FJ, et al. Mycotoxicosis caused by a single dose of T-2 toxin or diacetoxyscirpenol in broiler chickens. Vet Pathol. 1981 Sep;18(5):652-64.

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