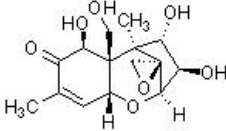


Product datasheet

Nivalenol, Cytotoxic trichothecene mycotoxin  
ab142447

1 Image

Overview

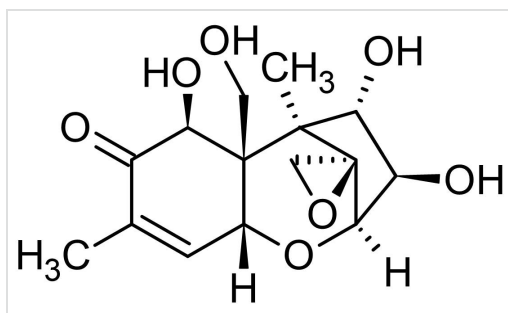
<b>Product name</b>	Nivalenol, Cytotoxic trichothecene mycotoxin
<b>Description</b>	Cytotoxic trichothecene mycotoxin
<b>Biological description</b>	Trichothecene mycotoxin. Cytotoxic <i>in vitro</i> (EC <sub>50</sub> = 0.96 μM). Decreases cell proliferation. Pro-apoptotic activity. Active <i>in vitro</i> and <i>in vivo</i> .
<b>Purity</b>	> 99%
<b>CAS Number</b>	23282-20-4
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	3α,4β,7α,15-Tetrahydroxy-12,13-epoxytrichothec-9-en-8-one
<b>Molecular weight</b>	312.32
<b>Molecular formula</b>	C <sub>15</sub> H <sub>20</sub> O <sub>7</sub>
<b>PubChem identifier</b>	5284433
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 25 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

**SMILES**CC1=CC2C(C(C1=O)O)(C3(C(C(C(C34CO4)O2)O)O)C)CO**Source***Fusarium sp.***Images**

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2D chemical structure image of ab142447, Nivalenol, Cytotoxic trichothecene mycotoxin

Chemical Structure - Nivalenol, Cytotoxic trichothecene mycotoxin (ab142447)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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