

Neosolaniol

Chemical Properties

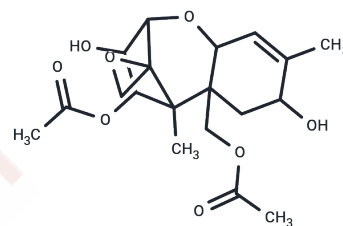
CAS No. : 36519-25-2

Formula: C₁₉H₂₆O₈

Molecular Weight: 382.4

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Neosolaniol, a type A trichothecene mycotoxin produced by Fusarium species, strongly induces an anorectic (loss of appetite) response.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6151 mL	13.0753 mL	26.1506 mL
5 mM	0.523 mL	2.6151 mL	5.2301 mL
10 mM	0.2615 mL	1.3075 mL	2.6151 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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.

Reference

McCormick SP, et al. Trichothecenes: from simple to complex mycotoxins. *Toxins* (Basel). 2011 Jul;3(7):802-14.
 Zhang J, et al. Comparison of Anorectic Potencies of Type A Trichothecenes T-2 Toxin, HT-2 Toxin, Diacetoxyscirpenol, and Neosolaniol. *Toxins* (Basel). 2018 Apr 29;10(5).

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