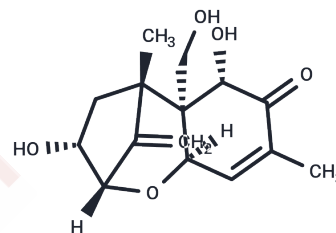


Deepoxy-deoxynivalenol

Chemical Properties

CAS No. :	88054-24-4
Formula:	C ₁₅ H ₂₀ O ₅
Molecular Weight:	280.32
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	Deepoxy-deoxynivalenol is Metabolite of deoxynivalenol. Deepoxydeoxynivalenol is a macrocyclic polyol compound for proteomics research. Environmental contaminants; Food contaminants.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5674 mL	17.8368 mL	35.6735 mL
5 mM	0.7135 mL	3.5674 mL	7.1347 mL
10 mM	0.3567 mL	1.7837 mL	3.5674 mL
50 mM	0.0713 mL	0.3567 mL	0.7135 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

Pierron A, Bracarense APFL, Cossalter AM, Laffitte J, Schwartz-Zimmermann HE, Schatzmayr G, Pinton P, Moll WD, Oswald IP. Deepoxy-deoxynivalenol retains some immune-modulatory properties of the parent molecule deoxynivalenol in piglets. *Arch Toxicol*. 2018 Aug 31. doi: 10.1007/s00204-018-2293-x. [Epub ahead of print] PubMed PMID: 30171291.

Zhu Y, Hassan YI, Shao S, Zhou T. Employing immuno-affinity for the analysis of various microbial metabolites of the mycotoxin deoxynivalenol. *J Chromatogr A*. 2018 Jun 29;1556:81-87. doi: 10.1016/j.chroma.2018.04.067. Epub 2018 May 1. PubMed PMID: 29731291.

Bryła M, Waśkiewicz A, Ksieniewicz-Woźniak E, Szymczyk K, Jędrzejczak R. Modified Fusarium Mycotoxins in Cereals and Their Products-Metabolism, Occurrence, and Toxicity: An Updated Review. *Molecules*. 2018 Apr 20;23(4). pii: E963. doi: 10.3390/molecules23040963. Review. PubMed PMID: 29677133.

Novak B, Vatzia E, Springler A, Pierron A, Gerner W, Reisinger N, Hessenberger S, Schatzmayr G, Mayer E. Bovine Peripheral Blood Mononuclear Cells Are More Sensitive to Deoxynivalenol Than Those Derived from Poultry and Swine. *Toxins (Basel)*. 2018 Apr 11;10(4). pii: E152. doi: 10.3390/toxins10040152. PubMed PMID: 29641442; PubMed Central PMCID: PMC5923318.

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