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## Product Data Sheet

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Product Name: T2 toxin Triol

Cat. No.: GC37711

**Chemical Properties**

Cas. No. 97373-21-2

SMILES CC(C)CC(O[C@H](C(C)=C1)C[C@@]2(CO)[C@]1([H])O[C@]3([H])[C@H](O)[C@@H](O)[C@@]2(C)[C@@]34OC4)=O

Formula	C <sub>20</sub> H <sub>30</sub> O <sub>7</sub>	M.Wt	382.45
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

T2 toxin Triol is a trichothecene mycotoxin derived by the metabolism of T-2 toxin. It is less toxic than T-2 toxin[1]. T2 toxin Triol major metabolites are evaluated in broiler chickens with Half-lives (t<sub>1/2λz</sub>), Peak plasma concentrations (C<sub>max</sub>) and T<sub>max</sub> values of 9.6 mins, 563 ng/ml , 2.5 mins, respectively[2].

[1]. Li Y, et al. T-2 toxin, a trichothecene mycotoxin: review of toxicity, metabolism, and analytical methods. J Agric Food Chem. 2011 Apr 27;59(8):3441-53. [2]. Sun YX, et al. Toxicokinetics of T-2 toxin and its major metabolites in broiler chickens after intravenous and oral administration. J Vet Pharmacol Ther. 2015 Feb;38(1):80-5.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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