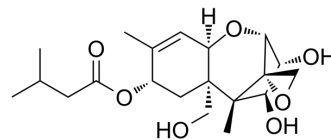


## T-2 Triol

Cat. No.:	HY-N6720
CAS No.:	34114-98-2
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> O <sub>7</sub>
Molecular Weight:	382.45
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

T-2 Triol is a trichothecene mycotoxin derived by the metabolism of T-2 toxin. It is less toxic than T-2 toxin<sup>[1]</sup>. T-2 Triol major metabolites are evaluated in broiler chickens with Half-lives ( $t_{1/2\lambda z}$ ), Peak plasma concentrations ( $C_{max}$ ) and  $T_{max}$  values of 9.6 mins, 563 ng/ml, 2.5 mins, respectively<sup>[2]</sup>.

### REFERENCES

[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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