



LKT Laboratories, Inc.

## T2 Tetraol

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### Product Information

Product ID T0003

CAS No. 34114-99-3

#### Chemical Name

**Synonym** 3- $\alpha$ ,4- $\beta$ ,8- $\alpha$ ,15-Tetrahydroxy-12,13-epoxytrichothec-9-ene  
Toxin T4, T4-ol, T-2 Toxin Tetraol

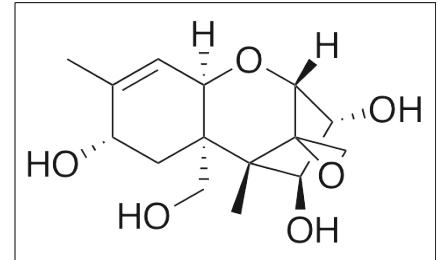
**Formula** C<sub>15</sub>H<sub>22</sub>O<sub>6</sub>

**Formula Wt.** 298.33

**Melting Point** 125-135°C

**Purity**  $\geq$ 97%, TLC

**Solubility**



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
T0003	1 mg	\$332.40
T0003	5 mg	\$1329.00

**Store Temp** 4°C

**Ship Temp** Ambient

**Description** T4 tetraol is a trichothecene mycotoxin found in *Fusarium*. Like other trichothecene mycotoxins, T4 tetraol is cytotoxic, although it displays lower levels of toxicity than other similar compounds. This mycotoxin is was initially produced by mycoplasma in barley, maize, oats, and other livestock feed grains.

**References** Madhyastha MS, Marquardt RR, Abramson D. Structure-activity relationships and interactions among trichothecene mycotoxins as assessed by yeast bioassay. *Toxicon*. 1994 Sep;32(9):1147-52. PMID: 7801350.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.