



LKT Laboratories, Inc.

Indoximod

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## Product Information

Product ID I525138

CAS No. 110117-83-4

### Chemical Name

Synonym NLG-8189, 1-Methyl-D-tryptophan,

Formula  $C_{12}H_{14}N_2O_2$

Formula Wt. 218.26

### Melting Point

Purity  $\geq 98\%$

Solubility DMSO:1 mg/mL warmed (4.58 mM)

Water:Insoluble

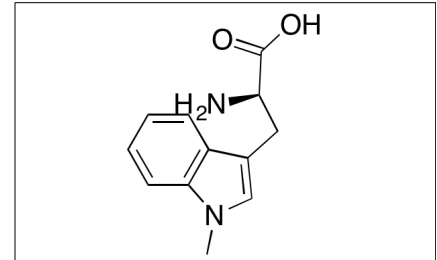
Ethanol:Insoluble

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

### Description

Indoximod is an inhibitor of indoleamine 2,3 dioxygenase, which plays a role in immune regulation. Indoximod has been found to enhance inflammatory cytokines IL-1beta and IL-6 expression in human corneal epithelial cells exposed to inactivated *A. fumigatus* spores. Indoximod has also been found as a metabolite in tomato plants exposed to fungi or bacteria.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
I525138	250 mg	\$44.00
I525138	1 g	\$127.40
I525138	10 g	\$949.30

**References** Soliman HH, Minton SE, Han HS, et al. A phase I study of indoximod in patients with advanced malignancies. *Oncotarget*. 2016 Apr 19;7(16):22928-22938. PMID: 27008709

Jiang N, Zhao G, Lin J, et al. Indoleamine 2,3-dioxygenase is involved in the inflammation response of corneal epithelial cells to *aspergillus fumigatus* infections. *PLoS One*. 2015 Sep 11;10(9):e0137423. PMID: 26361229

Camanes G, Scalschi L, Vicedo B, et al. An untargeted global metabolomic analysis reveals the biochemical changes underlying basal resistance and priming in *Solanum lycopersicum*, and identifies 1-methyltryptophan as a metabolite involved in plant responses to *Botrytis cinerea* and *Pseudomonas syringae*. *Plant J*. 2015 Oct;84(1):125-139. PMID: 26270176

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