

Product Information

Product ID I525138

CAS No. 110117-83-4

Chemical Name

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

Formula C₁₂H₁₄N₂O₂

Formula Wt. 218.26

Melting Point

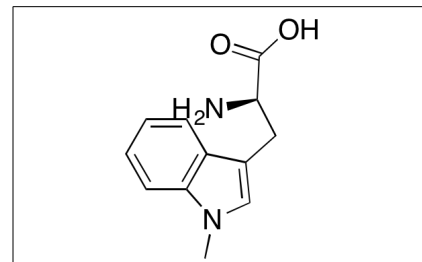
Purity ≥98%

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

Store Temp -20°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.



Bulk quantities available upon request

Product ID	Size
I525138	250 mg
I525138	1 g
I525138	10 g

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.