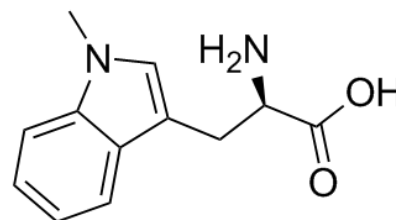


**Product Name** : Indoximod  
**Cat. No.** : PC-45061  
**CAS No.** : 110117-83-4  
**Molecular Formula** : C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 218.2518  
**Target** : Indoleamine 2,3-Dioxygenase (IDO)  
**Solubility** :



### Biological Activity

Indoximod (NLG-8189, 1-Methyl-D-tryptophan, D-1MT) is a potent Indoleamine 2,3-dioxygenase (**IDO**) inhibitor with IC<sub>50</sub> of 7 μM; prevents T-cell anergy triggered by dendritic cells overexpressing IDO in mice; augments the antitumor and antiviral immunoresponse of CD8<sup>+</sup> T-cells and reduces tumor volume in mice with xenografts overexpressing IDO.

Breast Cancer  
Phase 2 Clinical

### References

Dolušić E, et al. Eur J Med Chem. 2011 Jul;46(7):3058-65.

Qian F, et al. Cancer Res. 2009 Jul 1;69(13):5498-504.

Metz R, et al. Cancer Res. 2007 Aug 1;67(15):7082-7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com