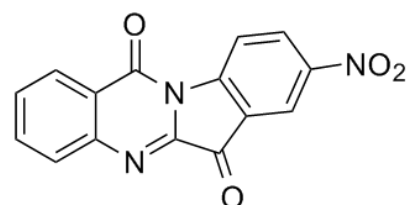


**Product Name** : 8-Nitrotryptanthrin  
**Cat. No.** : PC-42226  
**CAS No.** : 77603-42-0  
**Molecular Formula** : C<sub>15</sub>H<sub>7</sub>N<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 293.2338  
**Target** : Indoleamine 2,3-Dioxygenase (IDO)  
**Solubility** : DMSO: 6.4 mg/mL (Need warming)



### Biological Activity

A potent human indoleamine 2,3-dioxygenase 2 (IDO2) inhibitor with  $K_i$  of 0.97  $\mu$ M, also exhibits significant antitrypanosomal activities with  $EC_{50}$  of 0.82  $\mu$ M.

### References

- Li J, et al. Eur J Med Chem. 2016 Nov 10;123:171-179.  
Scovill J, et al. Antimicrob Agents Chemother. 2002 Mar;46(3):882-3.  
Hwang JM, et al. J Nat Prod. 2013 Mar 22;76(3):354-67.

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

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