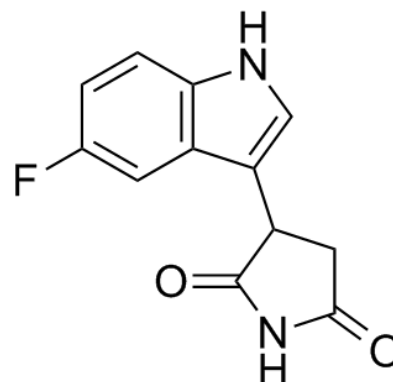


**Product Name** : PF-06840003  
**Cat. No.** : PC-42320  
**CAS No.** : 198474-05-4  
**Molecular Formula** : C<sub>12</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 232.2104632  
**Target** : Indoleamine 2,3-Dioxygenase (IDO)  
**Solubility** : DMSO: ≥ 28 mg/mL



### Biological Activity

A novel potent, selective, orally active, and CNS penetrant IDO-1 inhibitor with IC<sub>50</sub> of 0.41 μM for hIDO-1; weakly inhibits hTDO-2 with IC<sub>50</sub> of 140 μM, and shows no activity against hIDO-2 (>100 μM); shows activity both in the HeLa assay (IC<sub>50</sub>=1.8 μM) as well as in the LPS/INFγ-stimulated THP1 cells (IC<sub>50</sub>=1.7 μM), maintains good efficiency in the whole blood assay (IC<sub>50</sub>=4.7 μM); shown significant antitumor activity in mice and very favorable ADME profile.

Brain Cancer  
Phase 1 Clinical

### References

Crosignani S, et al. J Med Chem. 2017 Nov 21. doi: 10.1021/acs.jmedchem.7b00974.

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

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