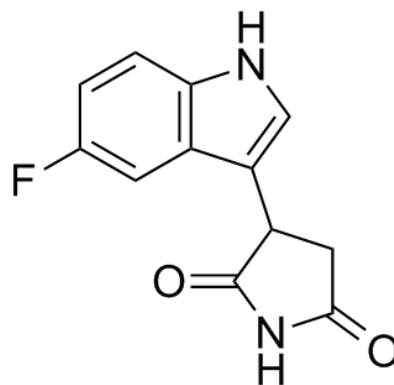


Product Name : PF-06840003
Cat. No. : PC-42320
CAS No. : 198474-05-4
Molecular Formula : C₁₂H₉FN₂O₂
Molecular Weight : 232.2104632
Target : Indoleamine 2,3-Dioxygenase (IDO)
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

PF-06840003 (EOS200271) is a novel potent, selective, orally active, and CNS penetrant **IDO-1** inhibitor with IC₅₀ of 0.41 uM for hIDO-1.

PF-06840003 weakly inhibits hTDO-2 with IC₅₀ of 140 uM, and shows no activity against hIDO-2 (>100 uM).

PF-06840003 shows activity both in the HeLa assay (IC₅₀=1.8 uM) as well as in the LPS/INFγ-stimulated THP1 cells (IC₅₀=1.7 uM), maintains good efficiency in the whole blood assay (IC₅₀=4.7 uM).

PF-06840003 shows significant antitumor activity in mice and very favorable ADME profile.

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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