

---

Catalog	Unit
TBI4498-5MG	5 mg
TBI4498-25MG	25 mg

### **Product Details**

**Formal Name:** 3-(5-Fluoro-1H-indol-3-yl)pyrrolidine-2,5-dione

**Alternate Names:** EOS200271

**Molecular Formula:** C<sub>12</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>2</sub>

**Formula Weight:** 232.21

**CAS Number:** 198474-05-4

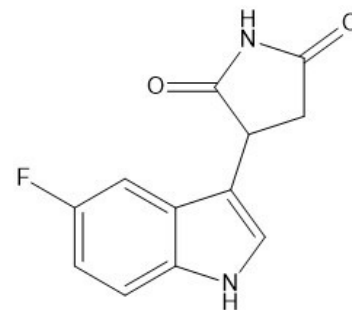
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to at least 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### **Applications**

IDO1 inhibitor

### **Functions**

PF-06840003 (198474-05-4) is a potent (IC<sub>50</sub> = 150 and 410 nM via two methods) and selective inhibitor of Indoleamine-2,3-dioxygenase (IDO1). In mice with syngeneic tumor grafts, it reduced intratumoral kynurenine levels by over 80%, inhibited tumor growth as monotherapy, and increased the efficacy of anti-PD-L1 therapy. PF-06840003 treatment combined with GM-CSF-secreting allogenic pancreatic tumor cell vaccine (GVAX) resulted in increased antitumor efficacy in a murine model of pancreatic ductal adenocarcinoma.

### **Application Procedures**

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**