

# BioVision

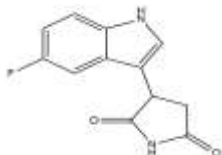
## PRODUCT: PF-06840003

ALTERNATE NAME: 3-(5-Fluoro-1H-indol-3-yl)pyrrolidine-2,5-dione; EOS 200271

CATALOG #: B2218-1,5

AMOUNT: 1 mg, 5 mg

### STRUCTURE:



MOLECULAR FORMULA: C<sub>12</sub>H<sub>9</sub>FN<sub>2</sub>O<sub>2</sub>

MOLECULAR WEIGHT: 232.21

CAS NUMBER: 198474-05-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light and light

DESCRIPTION: PF-06840003 is a highly selective orally bioavailable indoleamine 2,3-dioxygenase 1 (IDO-1) inhibitor (IC<sub>50</sub> = 0.15 μM for human enzyme). It inhibits IDO-1-mediated production of kynurenine induced by IFN-γ in HeLa cells (IC<sub>50</sub> = 1.8 μM) and by LPS and IFN-γ in THP-1 cells and human-derived whole blood *ex vivo* (IC<sub>50</sub>s = 1.7 and 4.7 μM, respectively).

REFERENCES: Tumang, J., *et al.* (2016). *Cancer Res.* **76**, (14 suppl.), Abstr. Nr 4863

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

08/18

### RELATED PRODUCTS:

IDO1 Inhibitor 1 (Cat. No. 2745-5, 25)

IDO pathway inhibitor (Cat. No. 2746-50, 250)

IDO1 human recombinant (Cat. No. P1096)

Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitor Screening Kit (K976-100)

Menadione (Cat. No. 2747-500, 1000)

NLG919 (cat. No. 9407-5, 25)

PF-06840003 (B2218)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**