## **BioVision**

STRUCTURE:

## PRODUCT: 680C91

**ALTERNATE NAME:** 6-Fluoro-3-[(1*E*)-2-(3-pyridinyl)ethenyl]-1*H*-indole

**CATALOG #:** 2292-5, 25

AMOUNT: 5 mg, 25 mg

MOLECULAR FORMULA: C<sub>15</sub>H<sub>11</sub>FN<sub>2</sub>

MOLECULAR WEIGHT: 238.26

**CAS NUMBER:** 163239-22-3

APPEARANCE: Light brown solid

**SOLUBILITY:** DMSO (~25 mg/ml) or Ethanol (~10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20°C. Protect from air and moisture

**DESCRIPTION:** 

Cell-permeable. A potent and selective inhibitor of tryptophan

2,3-dioxygenase (TDO, Ki = 51 nM. Tryptophan is

metabolized to the endogenous AHR ligand by TDO which

may be inhibited by 680C91. Active in vivo.

**REFRENCE:** Opitz, C.A., et al. (2011). *Nature* **278**, 197; Salter, M., et al.

(1995). Biochem. Pharmacol. 49, 1435-1442.

**HANDLING:** Do not take internally. Wear gloves and mask when handling

the product! Avoid contact by all modes of exposure.

## 5/13 **RELATED PRODUCTS:**

Celecoxib (Cat. No. 1574-100, 1000) Curcumin (Cat. No. 1850-10, 50)

Rasagiline mesylate (Cat. No. 2237-50, 250)

Tranylcypromine hemisulfate (Cat. No. 1816-25, 100)

Xanthine Oxidase Activity Colorimetric/Fluorometric Assay Kit (Cat. No. K710-100)

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

humans