

Product: IDO1 Inhibitor I

RELATED PRODUCTS:

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

INCB-024360 (Cat. No. 9477-5,25)

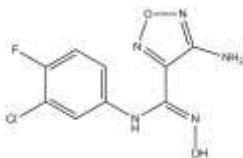
Menadione (Cat. No. 2747-500, 1000)

ALTERNATE NAME: 4-amino-N-(3-chloro-4-fluorophenyl)-N'-hydroxy-1,2,5-oxadiazole-3-carboximidamide ; indoleamine-2,3-dioxygenase inhibitor

CATALOG #: 2745-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₉H₇ClFN₅O₂

MOLECULAR WEIGHT: 271.63

CAS NUMBER: 914471-09-3

APPEARANCE: White solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: IDO1 Inhibitor I is a potent IDO1 inhibitor that displays IC₅₀ values of 67 and 19 nM for human IDO in enzymatic activity and HeLa cell assays, respectively. It is inactive against tryptophan 2,3-dioxygenase (IC₅₀ > 10 μM).

REFERENCE: Yue, E., *et al.* (2009). *J. Med. Chem.* **52**, 7364-7367.

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

FOR RESEARCH USE ONLY! Not to be used on humans.