

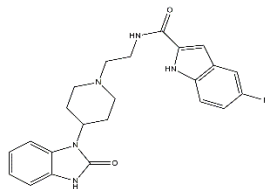
FIPI (free base)

rev 03/19

ALTERNATE NAME: N-[2-[4-(2,3-Dihydro-2-oxo-1H-benzimidazol-1-yl)-1-piperidiny]ethyl]-5-fluoro-1H-indole-2-carboxamide

CATALOG #: B2372-5 5 mg
B2372-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₄FN₅O₂

MOLECULAR WEIGHT: 421.48

CAS NUMBER: 939055-18-2

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: >25 mg/ml DMSO

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

DESCRIPTION: FIPI is a potent and selective phospholipase D (PLD) inhibitor. FIPI inhibits both PLD1 (IC₅₀ = 25 nM) and PLD2 (IC₅₀ = 20 nM); prevents PLD regulation of F-actin cytoskeleton reorganization, cell spreading, and chemotaxis.

REFERENCES: Monovich, L., et al. (20017). Bioorg.Med. Chem. Lett. 17, 2310-2311

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

RELATED PRODUCTS:

Phospholipase D (PLD) Activity Colorimetric Assay Kit (K725)
FIPI, hydrochloride (9593)

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