

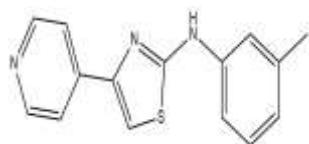
PRODUCT: STF-62247

ALTERNATE NAME: N-(3-Methylphenyl)-4-(4-pyridinyl)-2-thiazolamine

CATALOG #: B2210-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₃N₃S

MOLECULAR WEIGHT: 267.35

CAS NUMBER: 315702-99-9

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: STF-62247 is a small molecule agonist that induces autophagy and selectively causes lethality in renal cell carcinoma (RCC) cells that have lost the von Hippel-Lindau (VHL) tumor suppressor activity (IC₅₀ = 625 nM). STF-62247 induces cytotoxicity and reduces tumor growth of VHL-deficient RCC cells compared to genetically matched cells with wild-type VHL.

REFERENCES: Turcotte, S., et al. (2008). *Cancer Cell* 14, 90-102.

HANDLING:

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

08/18

RELATED PRODUCTS:

Amiodarone Hydrochloride (Cat. No. 1828-100, 500)

ATM Kinase Inhibitor, KU-55933 (Cat. No. 1685-5)

Bafilomycin A1 (cat. No. 1829-50, 250)

Chloroquine diphosphate (Cat. No. 1825-100, 500)

Clonidine hydrochloride (Cat. No. 2684-50, 250)

C2-Dihydroceramide (Cat. No. 2391-5, 25)

Dorsomorphin (Cat. No. 1686-5)

Go6976 (Cat. No. 1711-500)

EZSolution™ Go6976 (Cat. No. 1785-500)

3-Methyladenine (Cat. No. 2249-25, 100)

SMER28 (Cat. No. 1856-5, 25)

Spautin-1 (Cat. No. 2037-5, 25)

STF-62247 (Cat. No. B2210-5,25)