

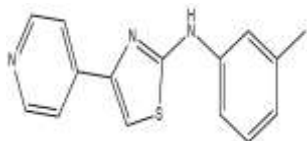
## PRODUCT: STF-62247

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

**CATALOG #:** B2210-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>15</sub>H<sub>13</sub>N<sub>3</sub>S

**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 (IC<sub>50</sub> = 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.

**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**)

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