

STF-62247, Autophagy inducer

Catalog	Unit
TBI1375-5MG	5 mg
TBI1375-25MG	25 mg

Product Details

Formal Name: N-(3-Methylphenyl)-4-(4-pyridinyl)-2-thiazolamine

Molecular Formula: C₁₅H₁₃N₃S

Formula Weight: 477.41

CAS Number: 315702-99-9

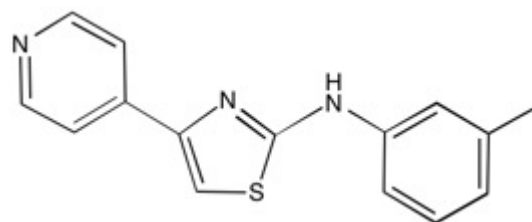
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Autophagy inducer

Functions

Specifically induces autophagic cell death in VHL (von Hippel-Lindau)-deficient renal carcinoma cells both in vitro (IC₅₀=625 nM) and in vivo. Renal cell carcinoma cell lines were radiosensitized by induction of autophagy following treatment with STF-62247. Cell permeable

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.