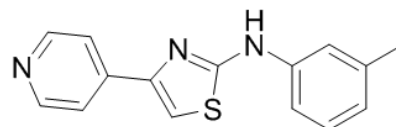


Product Name : STF-62247
Cat. No. : PC-42248
CAS No. : 315702-99-9
Molecular Formula : C₁₅H₁₃N₃S
Molecular Weight : 267.3488
Target : Autophagy
Solubility : DMSO: ≥ 31 mg/mL
4. Kozako T, et al. *Oncotarget*. 2018 Jun 12;9(45):27645-27655.



Biological Activity

STF-62247 is a small molecule **Autophagy** inducer that induces autophagy and selectively induces lethality in VHL-deficient RCC cells.

STF-62247 induces cytotoxicity and reduces tumor growth in VHL-deficient cells in a HIF-independent manner, PI3K and Golgi trafficking are required as initial signals in STF-62247-induced autophagy.

References

Turcotte S, et al. *Cancer Cell*. 2008 Jul 8;14(1):90-102.

Turcotte S, et al. *Autophagy*. 2008 Oct;4(7):944-6.

Chan DA, et al. *Cell Cycle*. 2008 Oct;7(19):2987-90.

