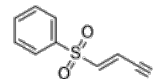


Product Name : PhSAN
Cat. No. : PC-28297
CAS No. : 1424-51-7
Molecular Formula : C₉H₇NO₂S
Molecular Weight : 193.22
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

PhSAN is a selective small-molecule inhibitor of E3 ubiquitin ligase **RNF25** (ITC KD=1.57 uM), suppresses RNF25 ubiquitin ligase activity and induces ER stress, induces PANoptosis.

PhSAN activates ER stress by impairing RNF25-dependent ubiquitination and degradation of eEF1A.

PhSAN accelerates ER stress to trigger PANoptosis.

PhSAN cooperates with bortezomib to potentiate PANoptosis and antitumor efficacy in renal cell carcinoma (RCC).

References

Kang J, et al. **Cell Insight**. 2026 Aug 7;5(5):100353.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com