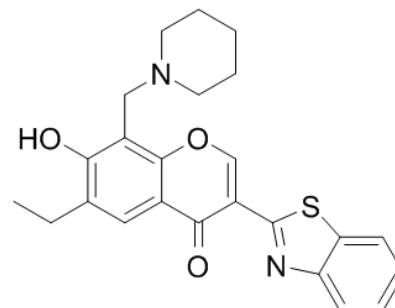


Product Name : SZL P1-41
Cat. No. : PC-42099
CAS No. : 222716-34-9
Molecular Formula : C₂₄H₂₄N₂O₃S
Molecular Weight : 420.524
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

SZL P1-41 (SZL-P1-41) is a small molecule **Skp2 E3 ligase** inhibitor that prevents Skp2-Skp1 interaction and Skp2 SCF E3 ligase activity in vitro.

SZL P1-41 specifically diminishes E3-ligase activity of Skp2-SCF complex, but not of other F-box SCF complex.

SZL P1-41 inhibits Skp2-mediated p27 ubiquitination, induced endogenous p27 protein expression in prostate cancer cells.

SZL P1-41 exhibits potent antitumor activities in multiple animal models and cooperates with chemotherapeutic agents to reduce cancer cell survival.

References

Chan CH, et al. *Cell*. 2013 Aug 1;154(3):556-68.

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

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