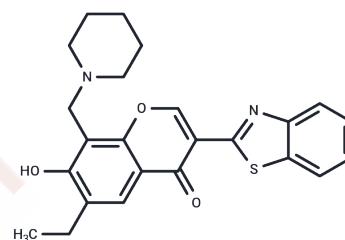


SZL P1-41

## Chemical Properties

CAS No. : 222716-34-9  
 Formula: C<sub>24</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 420.52  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	SZL P1-41, a skp2 inhibitor, can prevent assembly of Skp2-Skp1 complexes. It selectively suppresses Skp2 SCF E3 ligase activity but exhibits no effect on the activity of other SCF complexes. It also inhibits Skp2-mediated p27 and Akt ubiquitination in vivo and in vitro. It suppresses the survival of Y cells and Y stem cells by triggering cell senescence and inhibiting glycolysis. It exhibits antitumor effects in multiple animal models and Y cell lines.
Targets(IC50)	Apoptosis,E1/E2/E3 Enzyme

## Solubility Information

Solubility	DMSO: 1.05 mg/mL (2.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.378 mL	11.890 mL	23.7801 mL
5 mM	0.4756 mL	2.378 mL	4.756 mL
10 mM	0.2378 mL	1.189 mL	2.378 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chan et al.Cell, 2013;154:556

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