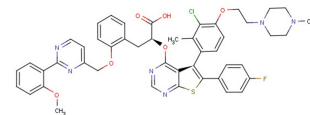


MIK665

## Chemical Properties

CAS No.:	1799631-75-6
Formula:	C <sub>47</sub> H <sub>44</sub> ClFN <sub>6</sub> O <sub>6</sub> S
Molecular Weight:	875.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	MIK665 is a special Mcl-1 inhibitor. It has an IC <sub>50</sub> of 1.81 nM.
Targets(IC <sub>50</sub> )	Mcl-1: 1.81 nM
In vitro	MIK665 suppresses H929 cells (IC <sub>50</sub> : 250 nM).

## Solubility Information

Solubility	DMSO: 125 mg/mL (142.79 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.142 mL	5.712 mL	11.423 mL
5 mM	0.228 mL	1.142 mL	2.285 mL
10 mM	0.114 mL	0.571 mL	1.142 mL
50 mM	0.023 mL	0.114 mL	0.228 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Zoltán SZLÁVIK, et al. New hydroxyester derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2016207225A1.

Inhibitors · Natural Compounds · Compound Libraries

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