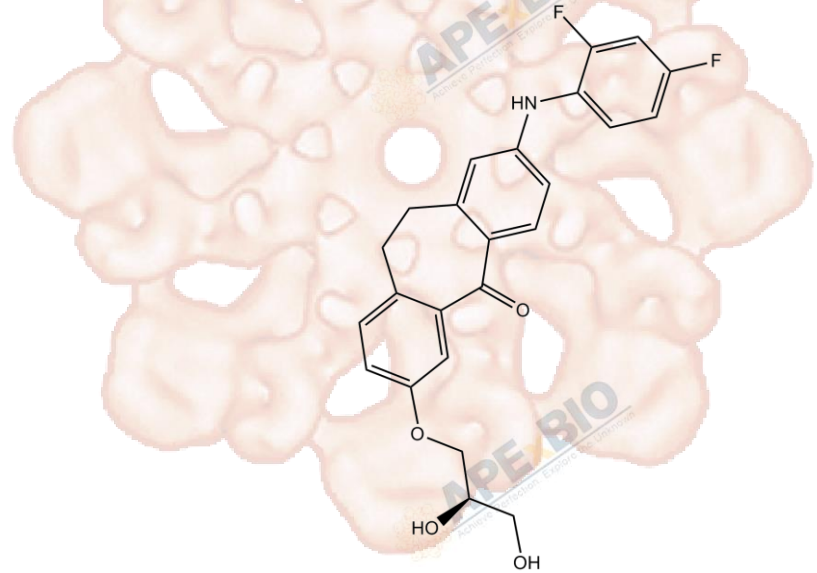


# Product Data Sheet

## Skepinone-L

<b>Cat. No.:</b>	A3824
<b>CAS No.:</b>	1221485-83-1
<b>Formula:</b>	C <sub>24</sub> H <sub>21</sub> F <sub>2</sub> NO <sub>4</sub>
<b>M.Wt:</b>	425.42
<b>Synonyms:</b>	Skepinone L
<b>Target:</b>	MAPK Signaling
<b>Pathway:</b>	p38
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥21.25 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥46.5 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
1 mM	2.3506 mL	11.7531 mL	23.5062 mL	
5 mM	0.4701 mL	2.3506 mL	4.7012 mL	
10 mM	0.2351 mL	1.1753 mL	2.3506 mL	

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

P38-MAPK inhibitor,potent and selective

IC<sub>50</sub> & Target

5 nM (p38-MAPK), 40 nM (TNF-α)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

## Product Citations

1. Zhang XH, Li CY, et al. "Pro-angiogenic activity of isoliquiritin on HUVECs in vitro and zebrafish in vivo through Raf/MEK signaling pathway." Life Sci. 2019 Apr 15;223:128-136.PMID:30876941
2. Lv, Dan, et al. "Neuronal MHC Class I Expression Is Regulated by Activity Driven Calcium Signaling." PloS one 10.8 (2015): e0135223.PMID:26263390

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## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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