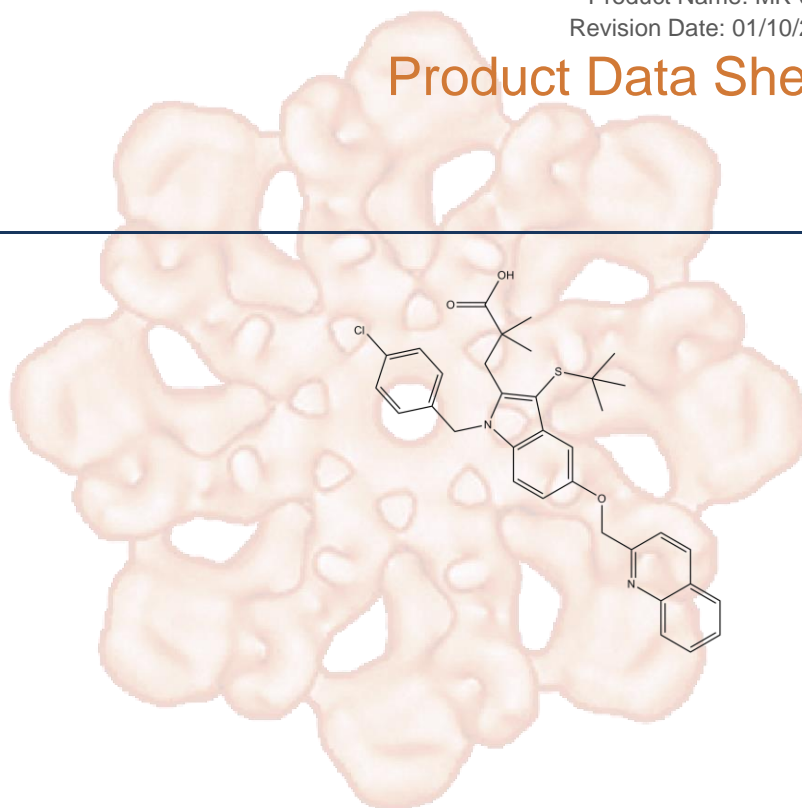


# Product Data Sheet

## MK-0591

<b>Cat. No.:</b>	A3609
<b>CAS No.:</b>	136668-42-3
<b>Formula:</b>	C <sub>34</sub> H <sub>35</sub> ClN <sub>2</sub> O <sub>3</sub> S
<b>M.Wt:</b>	587.17
<b>Synonyms:</b>	Quilflapon;MK0591;MK 0591
<b>Target:</b>	Others
<b>Pathway:</b>	FLAP
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.7031 mL	8.5154 mL	17.0308 mL
	5 mM		0.3406 mL	1.7031 mL	3.4062 mL
	10 mM		0.1703 mL	0.8515 mL	1.7031 mL

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

## Biological Activity

Shortsummary

FLAP inhibitor,potent and selective

 IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Song, Jiao, et al. "Polypharmacology of Small-Molecule Modulators of the 5-Lipoxygenase Activating Protein (FLAP) Observed via a High-throughput Lipidomics Platform." Journal of biomolecular screening (2015): 1087057115607815.PMID:26442913

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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 APEX BIO 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.*

**APEX BIO Technology**

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