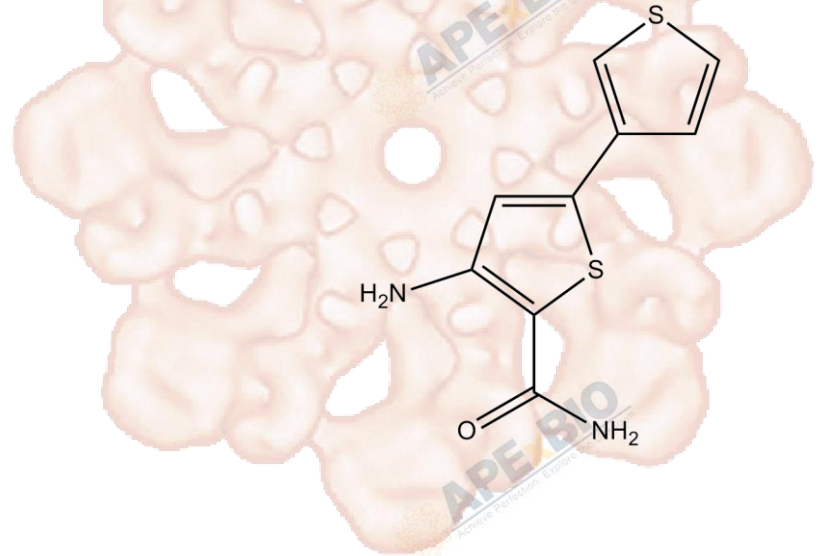


# Product Data Sheet

## SC-514

<b>Cat. No.:</b>	B1585
<b>CAS No.:</b>	354812-17-2
<b>Formula:</b>	C <sub>9</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S
<b>M.Wt:</b>	224.3
<b>Synonyms:</b>	
<b>Target:</b>	Immunology/Inflammation
<b>Pathway:</b>	IκB/IKK
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥50.4 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	4.4583 mL	22.2916 mL	44.5831 mL
	5 mM	0.8917 mL	4.4583 mL	8.9166 mL
	10 mM	0.4458 mL	2.2292 mL	4.4583 mL

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

## Biological Activity

Shortsummary	ATP-competitive IKK-2 inhibitor, orally active
IC <sub>50</sub> & Target	3-12 μM (IKK-2), 61 μM (CDK2/CyclinA), 71 μM (AUR2), 75 μM (PRAK), >100 μM (p38α)
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## 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. Short-term 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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