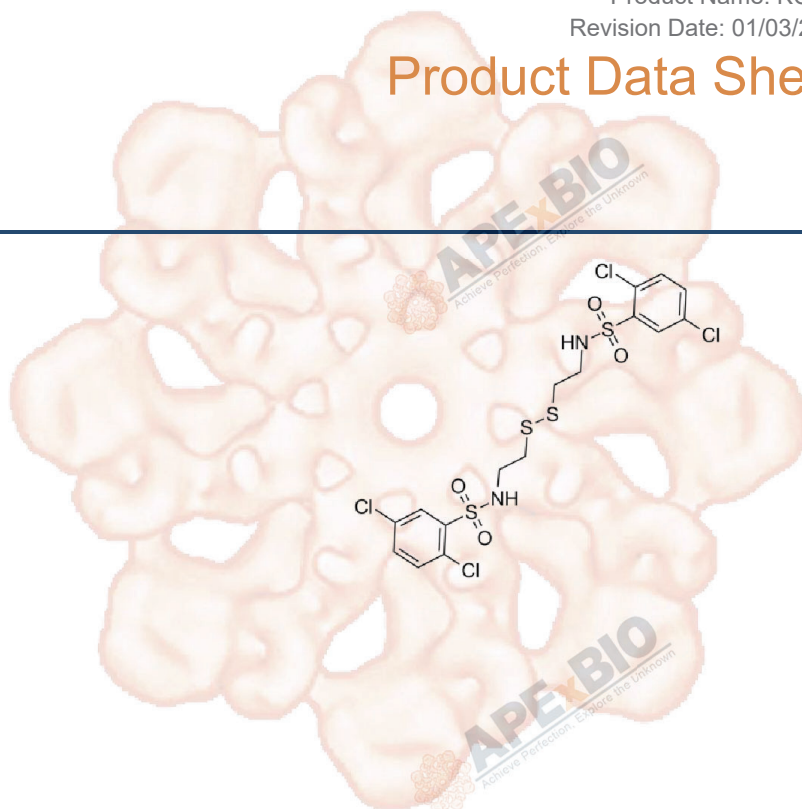


# Product Data Sheet

## KC7F2

<b>Cat. No.:</b>	A4507
<b>CAS No.:</b>	927822-86-4
<b>Formula:</b>	C <sub>16</sub> H <sub>16</sub> Cl <sub>4</sub> N <sub>2</sub> O <sub>4</sub> S <sub>4</sub>
<b>M.Wt:</b>	570.38
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	HIF
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥137.4 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	1.7532 mL	8.7661 mL	17.5322 mL
		5 mM	0.3506 mL	1.7532 mL	3.5064 mL
		10 mM	0.1753 mL	0.8766 mL	1.7532 mL

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

### Biological Activity

Shortsummary	HIF-1α inhibitor
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

### Product Citations

1. Chen Z, Tian D, et al. "Apigenin Combined With Gefitinib Blocks Autophagy Flux and Induces Apoptotic Cell Death Through Inhibition of HIF-1 $\alpha$ , c-Myc, p-EGFR, and Glucose Metabolism in EGFR L858R+T790M-Mutated H1975 Cells." Front Pharmacol. 2019 Mar 22;10:260.PMID:30967777

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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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