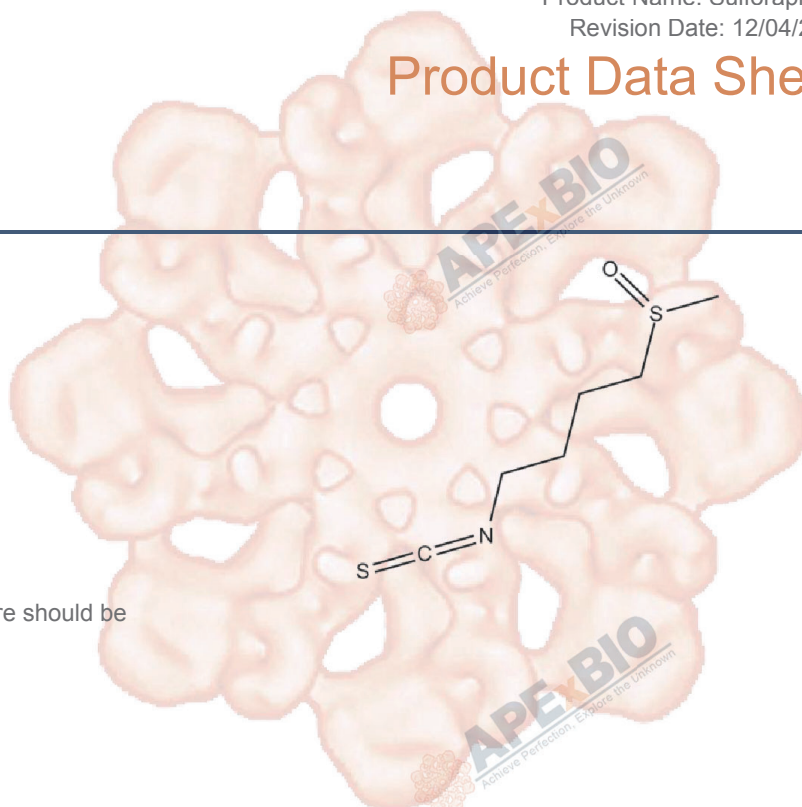


# Product Data Sheet

## Sulforaphane

<b>Cat. No.:</b>	C4733
<b>CAS No.:</b>	4478-93-7
<b>Formula:</b>	C <sub>6</sub> H <sub>11</sub> NOS <sub>2</sub>
<b>M.Wt:</b>	177.3
<b>Synonyms:</b>	SFN
<b>Target:</b>	Apoptosis
<b>Pathway:</b>	KEAP1-Nrf2
<b>Storage:</b>	Store at -20°C, Light exposure should be avoided



## Solvent & Solubility

≥51.6 mg/mL in H<sub>2</sub>O; ≥58.2 mg/mL in EtOH; ≥67.6 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	5.6402 mL	28.2008 mL	56.4016 mL
		5 mM	1.1280 mL	5.6402 mL	11.2803 mL
		10 mM	0.5640 mL	2.8201 mL	5.6402 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

inducer of chemopreventative enzymes via Keap1-Nrf2 signaling

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

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 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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