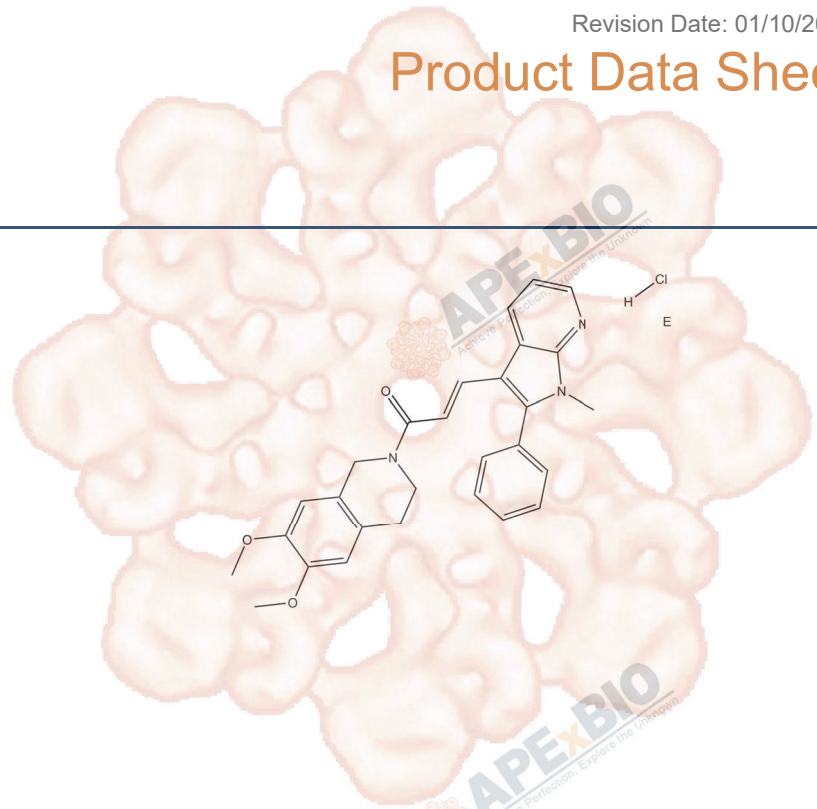


# Product Data Sheet

## SIS3

|                  |   |
|------------------|---|
| <b>Cat. No.:</b> | B6096   |
| <b>CAS No.:</b>  | 521984-48-5   |
| <b>Formula:</b>  | C <sub>28</sub> H <sub>28</sub> CIN <sub>3</sub> O <sub>3</sub> |
| <b>M.Wt:</b>     | 489.99  |
| <b>Synonyms:</b> |   |
| <b>Target:</b>   | TGF-β / Smad Signaling  |
| <b>Pathway:</b>  | SMAD  |
| <b>Storage:</b>  | Store at -20°C  |



## Solvent & Solubility

≥49 mg/mL in DMSO, insoluble in H<sub>2</sub>O, ≥11 mg/mL in EtOH with ultrasonic and warming

In Vitro

| Preparing<br>Stock Solutions | Solvent<br>Concentration | Mass      |            |            |
|------------------------------|--------------------------|-----------|------------|------------|
|                              |                          | 1mg       | 5mg        | 10mg       |
|                              | 1 mM                     | 2.0409 mL | 10.2043 mL | 20.4086 mL |
|                              | 5 mM                     | 0.4082 mL | 2.0409 mL  | 4.0817 mL  |
|                              | 10 mM                    | 0.2041 mL | 1.0204 mL  | 2.0409 mL  |

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

## Biological Activity

Shortsummary Smad3 inhibitor

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. 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.*

**APEX BIO Technology**

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