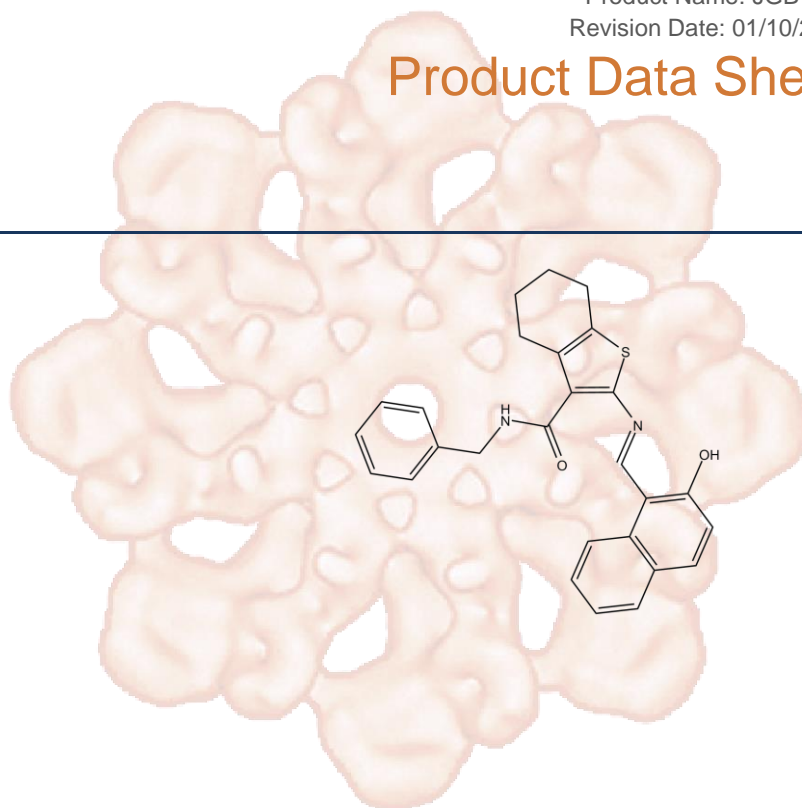


# Product Data Sheet

## JGB1741

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| <b>Cat. No.:</b> | C3888                                                           |
| <b>CAS No.:</b>  | 1256375-38-8                                                    |
| <b>Formula:</b>  | C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> S |
| <b>M.Wt:</b>     | 440.6                                                           |
| <b>Synonyms:</b> | ILS-JGB-1741                                                    |
| <b>Target:</b>   | Chromatin/Epigenetics                                           |
| <b>Pathway:</b>  | Sirtuin                                                         |
| <b>Storage:</b>  | Store at -20°C                                                  |



## Solvent & Solubility

≤0.2mg/ml in DMSO;0.14mg/ml in dimethyl formamide

In Vitro

|                 | Solvent<br>Concentration | Mass | 1mg       | 5mg        | 10mg       |
|-----------------|--------------------------|------|-----------|------------|------------|
|                 |                          |      |           |            |            |
| Preparing       |                          |      |           |            |            |
| Stock Solutions |                          |      |           |            |            |
|                 | 1 mM                     |      | 2.2696 mL | 11.3482 mL | 22.6963 mL |
|                 | 5 mM                     |      | 0.4539 mL | 2.2696 mL  | 4.5393 mL  |
|                 | 10 mM                    |      | 0.2270 mL | 1.1348 mL  | 2.2696 mL  |

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

## Biological Activity

Shortsummary

SIRT1 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. 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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