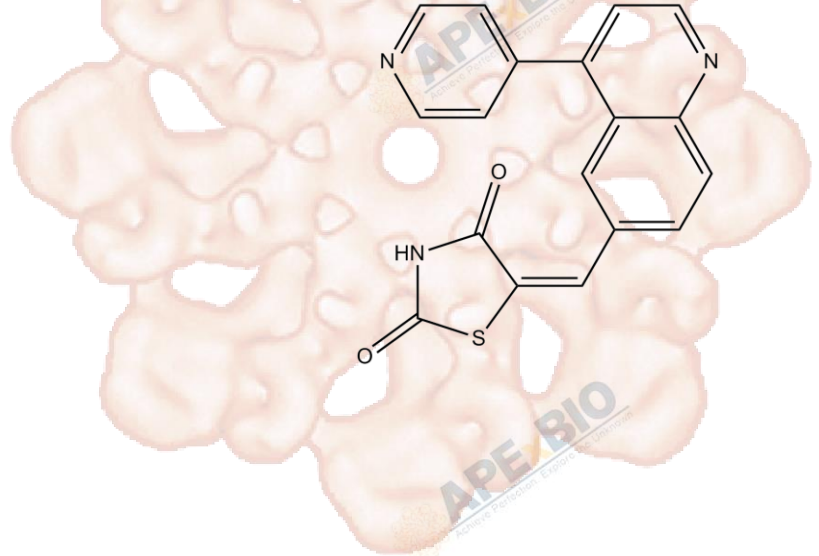


# Product Data Sheet

## GSK1059615

|                  |   |
|------------------|---|
| <b>Cat. No.:</b> | B2176   |
| <b>CAS No.:</b>  | 958852-01-2   |
| <b>Formula:</b>  | C <sub>18</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub> S |
| <b>M.Wt:</b>     | 333.36  |
| <b>Synonyms:</b> |   |
| <b>Target:</b>   | PI3K/Akt/mTOR Signaling   |
| <b>Pathway:</b>  | PI3K  |
| <b>Storage:</b>  | Store at -20°C  |



### Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥8.33 mg/mL in DMSO with gentle warming

In Vitro

| Preparing Stock Solutions | Solvent              | Mass      |            |            |
|---------------------------|----------------------|-----------|------------|------------|
|                           |                      | 1mg       | 5mg        | 10mg       |
|                           | <b>Concentration</b> |           |            |            |
|                           | <b>1 mM</b>          | 2.9998 mL | 14.9988 mL | 29.9976 mL |
|                           | <b>5 mM</b>          | 0.6000 mL | 2.9998 mL  | 5.9995 mL  |
|                           | <b>10 mM</b>         | 0.3000 mL | 1.4999 mL  | 2.9998 mL  |

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

### Biological Activity

Shortsummary

PI3K and mTOR inhibitor, potent and reversible

IC<sub>50</sub> & Target

0.4 nM (PI3K $\alpha$ ), 0.6 nM (PI3K $\beta$ ), 2 nM (PI3K $\delta$ ), 5 nM (PI3K $\gamma$ ), 12 nM (mTOR)

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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