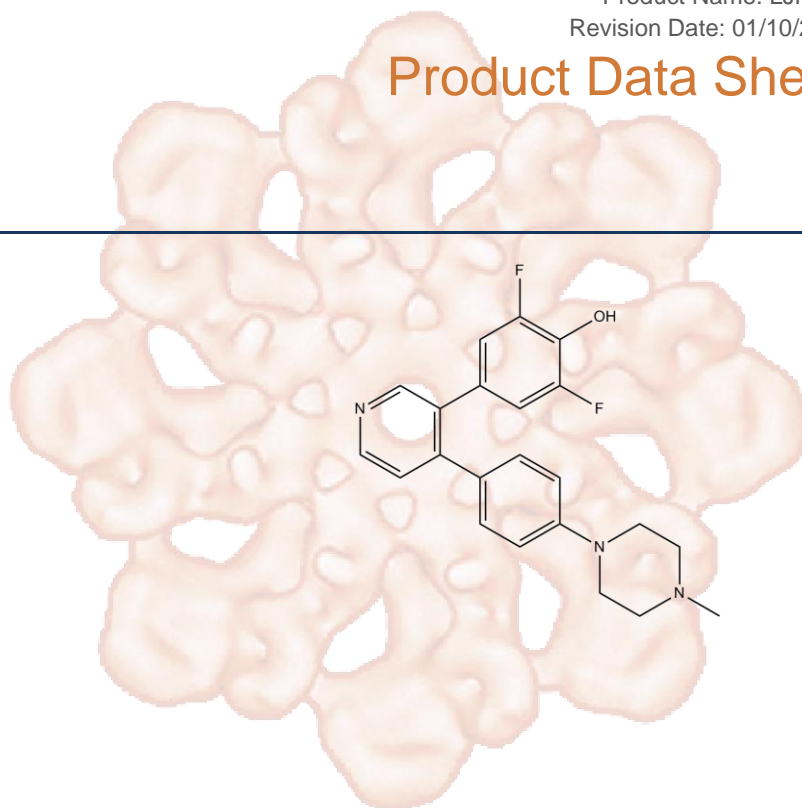


# Product Data Sheet

## LJM685

|                  |   |
|------------------|---|
| <b>Cat. No.:</b> | B6170   |
| <b>CAS No.:</b>  | 1627710-50-2  |
| <b>Formula:</b>  | C <sub>22</sub> H <sub>21</sub> F <sub>2</sub> N <sub>3</sub> O |
| <b>M.Wt:</b>     | 381.42  |
| <b>Synonyms:</b> |   |
| <b>Target:</b>   | PI3K/Akt/mTOR Signaling   |
| <b>Pathway:</b>  | S6 Kinase   |
| <b>Storage:</b>  | Store at -20°C  |



## Solvent & Solubility

Soluble in DMSO

In Vitro

| Preparing<br>Stock Solutions | Solvent<br>Concentration | Mass | 1mg       | 5mg        | 10mg       |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
|                              | 1 mM                     |      | 2.6218 mL | 13.1089 mL | 26.2178 mL |
|                              | 5 mM                     |      | 0.5244 mL | 2.6218 mL  | 5.2436 mL  |
|                              | 10 mM                    |      | 0.2622 mL | 1.3109 mL  | 2.6218 mL  |

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

## Biological Activity

Shortsummary

RSK (p90 ribosomal S6 kinase) 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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