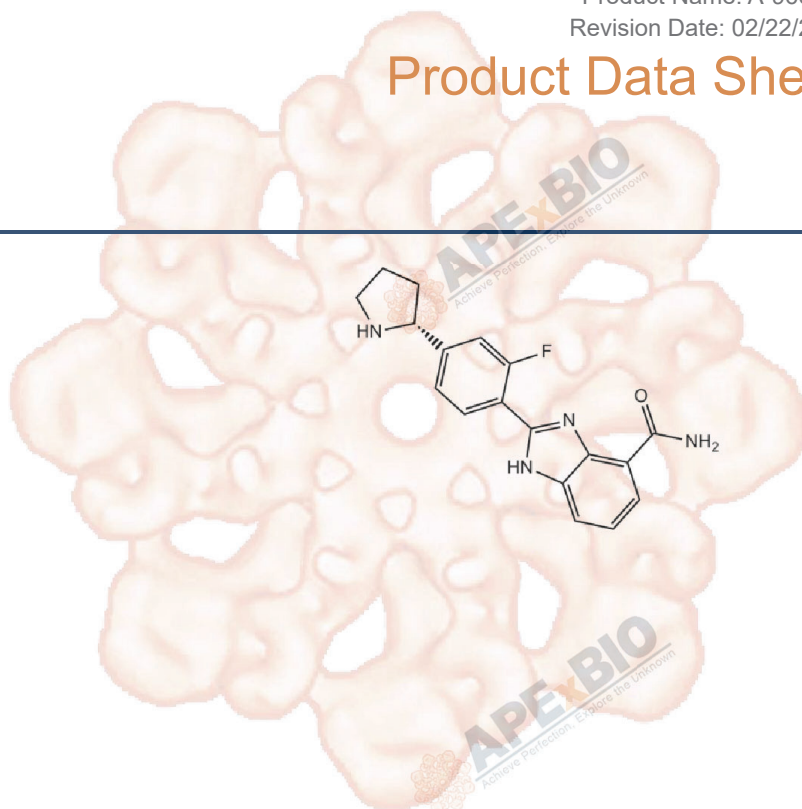


# Product Data Sheet

## A-966492

|                  |                       |
|------------------|-----------------------|
| <b>Cat. No.:</b> | A4160                 |
| <b>CAS No.:</b>  | 934162-61-5           |
| <b>Formula:</b>  | C18H17FN4O            |
| <b>M.Wt:</b>     | 324.35                |
| <b>Synonyms:</b> |                       |
| <b>Target:</b>   | Chromatin/Epigenetics |
| <b>Pathway:</b>  | PARP                  |
| <b>Storage:</b>  | Store at -20°C        |



### Solvent & Solubility

≥32.4 mg/mL in DMSO; ≥16.53 mg/mL in H<sub>2</sub>O with ultrasonic; ≥3.16 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

| Preparing Stock Solutions | Solvent              | Mass      |            |            |
|---------------------------|----------------------|-----------|------------|------------|
|                           |                      | 1mg       | 5mg        | 10mg       |
|                           | <b>Concentration</b> |           |            |            |
|                           | <b>1 mM</b>          | 3.0831 mL | 15.4154 mL | 30.8309 mL |
|                           | <b>5 mM</b>          | 0.6166 mL | 3.0831 mL  | 6.1662 mL  |
|                           | <b>10 mM</b>         | 0.3083 mL | 1.5415 mL  | 3.0831 mL  |

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

### Biological Activity

Shortsummary

PARP-1/-2 inhibitor, highly potent

IC<sub>50</sub> & Target

1 nM (PARP1), 1.5 nM (PARP2)

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 APExBIO 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.*

**APExBIO Technology**

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