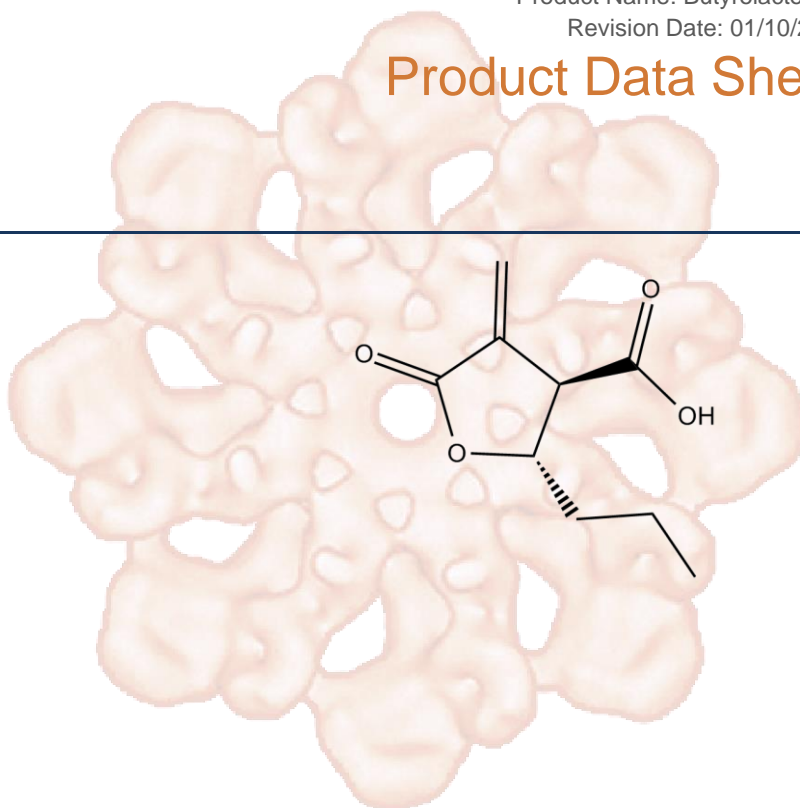


# Product Data Sheet

## Butyrolactone 3

|                  |                            |
|------------------|----------------------------|
| <b>Cat. No.:</b> | C3209                      |
| <b>CAS No.:</b>  | 778649-18-6                |
| <b>Formula:</b>  | C9H12O4                    |
| <b>M.Wt:</b>     | 184.2                      |
| <b>Synonyms:</b> |                            |
| <b>Target:</b>   | Chromatin/Epigenetics      |
| <b>Pathway:</b>  | Histone Acetyltransferases |
| <b>Storage:</b>  | Store at -20°C             |



### Solvent & Solubility

≤14mg/ml in ethanol;14mg/ml in DMSO;13mg/ml in dimethyl formamide

In Vitro

| Preparing<br>Stock Solutions | Solvent       |  | Mass      |            |            |
|------------------------------|---------------|--|-----------|------------|------------|
|                              | Concentration |  | 1mg       | 5mg        | 10mg       |
|                              | 1 mM          |  | 5.4289 mL | 27.1444 mL | 54.2888 mL |
|                              | 5 mM          |  | 1.0858 mL | 5.4289 mL  | 10.8578 mL |
|                              | 10 mM         |  | 0.5429 mL | 2.7144 mL  | 5.4289 mL  |

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

### Biological Activity

Shortsummary

histone acetyltransferase Gcn5 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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