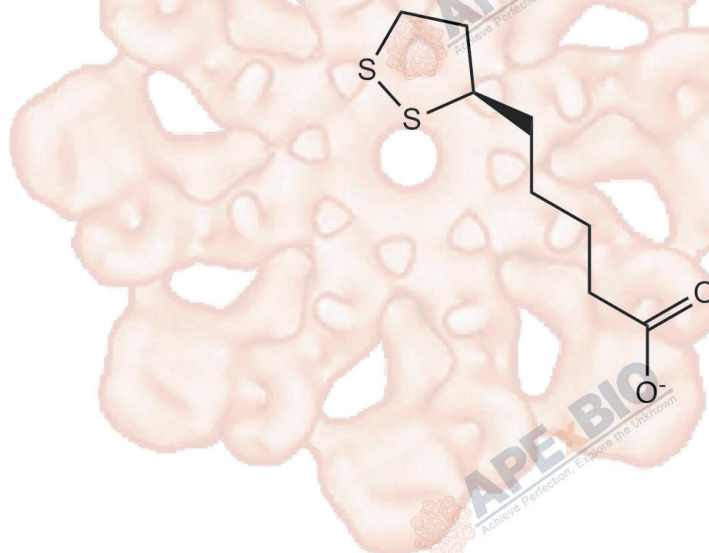


# Product Data Sheet

## Lipoic acid

**Cat. No.:** N2728  
**CAS No.:** 62-46-4  
**Formula:** C<sub>8</sub>H<sub>13</sub>O<sub>2</sub>S<sub>2</sub>  
**M.Wt:** 205.31  
**Synonyms:**  
**Target:** Natural Products  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥41.1 mg/mL in EtOH; ≥41.7 mg/mL in DMSO

In Vitro

|                           | Solvent | Mass<br>Concentration | 1mg       | 5mg        | 10mg       |
|---------------------------|---------|-----------------------|-----------|------------|------------|
|                           |         |                       |           |            |            |
| Preparing Stock Solutions |         | 1 mM                  | 4.8707 mL | 24.3534 mL | 48.7068 mL |
|                           |         | 5 mM                  | 0.9741 mL | 4.8707 mL  | 9.7414 mL  |
|                           |         | 10 mM                 | 0.4871 mL | 2.4353 mL  | 4.8707 mL  |

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)