## 3-Methylglutaconic acid

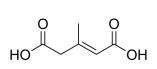
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| Cat. No.:      | HY-139427                      |
|----------------|--------------------------------|
| CAS No.:       | 5746-90-7                      |
| Batch No.:     | 261351                         |
| Chemical Name: | 2-Pentenedioic acid, 3-methyl- |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>6</sub> H <sub>8</sub> O <sub>4</sub> |       |          |
|--------------------|--|-------|----------|
| Molecular Weight:  | 144.13                                       |       |          |
| Storage:           | Powder                                       | -20°C | 3 years  |
|                    |  | 4°C   | 2 years  |
|                    | In solvent                                   | -80°C | 6 months |
|                    |  | -20°C | 1 month  |

**Chemical Structure:** 



## ANALYTICAL DATA

| Appearance:                  | White to light yellow (Solid)   |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| MS:                          | Consistent with structure   |
| Purity (HPLC):               | 99.38%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |
|                              |   |

Caution: Product has not been fully validated for medical applications. For research use only.

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**Certificate of Analysis**