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Certificate of Analysis

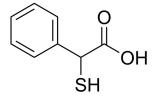
Thiomandelic acid

| Cat. No.: | HY-129629 |
|----------------|---------------------------------|
| CAS No.: | 4695-09-4 |
| Batch No.: | 342362 |
| Chemical Name: | Benzeneacetic acid, α-mercapto- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_8H_8O_2S$ | | |
|--------------------|--------------|-------|----------|
| Molecular Weight: | 168.21 | | |
| 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 off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 95.37% |
| 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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