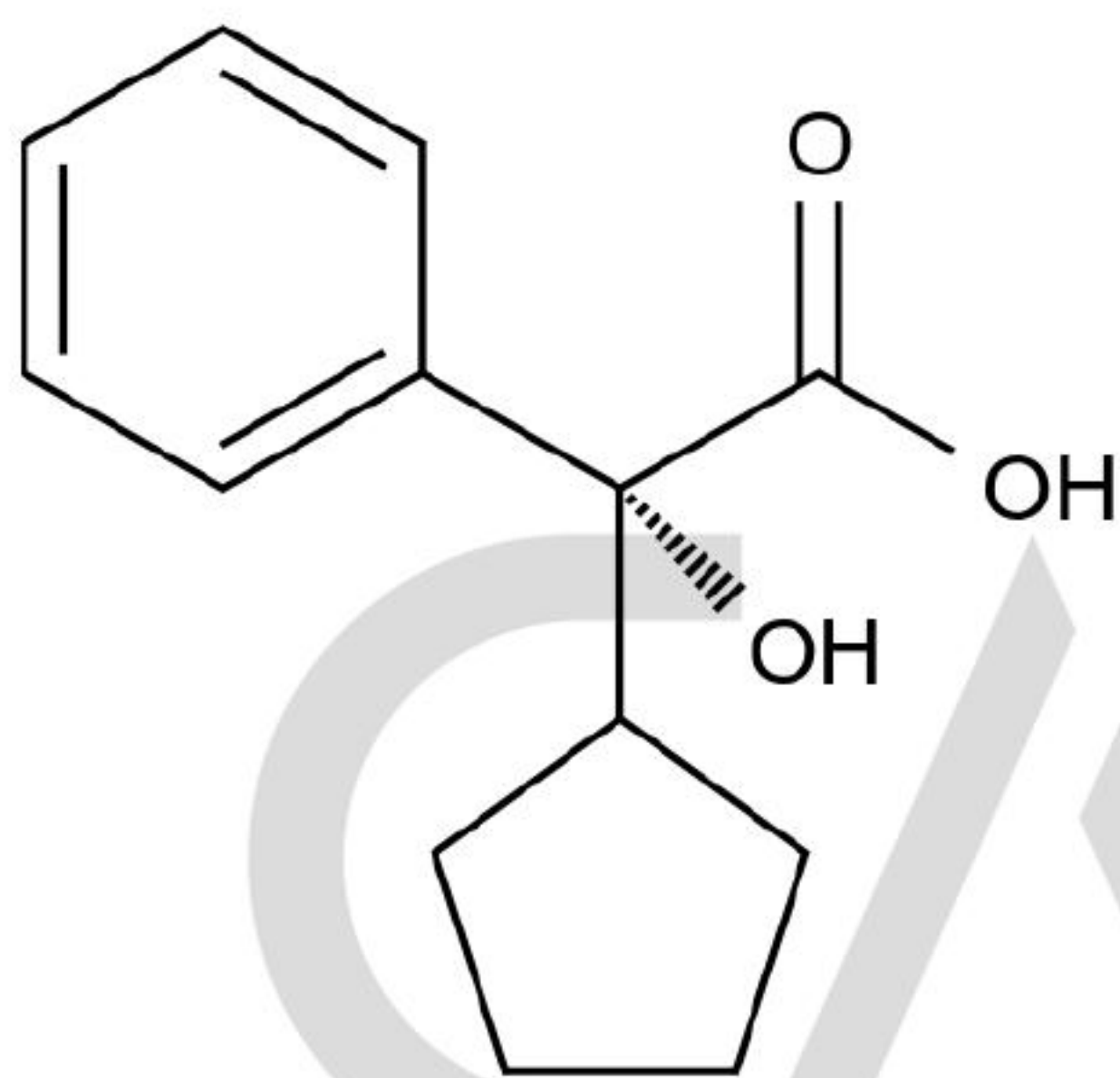


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                 |                          |                                                                                     |
|---------------------------|-------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | (R)-2-cyclopentyl-2-hydroxy-2-phenylacetic acid | <b>Catalogue Number:</b> | C1825291                                                                            |
| <b>Synonyms:</b>          | N/A                                             | <b>Lot Number:</b>       | 0509-RG-0067                                                                        |
| <b>CAS Number:</b>        | 64471-45-0                                      | <b>Expiry Date:</b>      | Apr 28, 2028                                                                        |
| <b>Molecular Formula:</b> | C <sub>13</sub> H <sub>16</sub> O <sub>3</sub>  | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed                                           |
| <b>Molecular Weight:</b>  | 220.26                                          | <b>Warning:</b>          |  |

Chemical Structure:



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | White Solid         |
| Identification    | LCMS&HNMR         | Confirmed           |
| Purity            | HPLC              | 98.776%             |
| Water Content     | Karl Fischer      | 1.78%               |
| Residual Solvents | NMR               | Not detected in NMR |
| Assay             |                   | 97.0%               |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) \* Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

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Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: May 12, 2025

Date: May 12, 2025

Date: May 12, 2025

