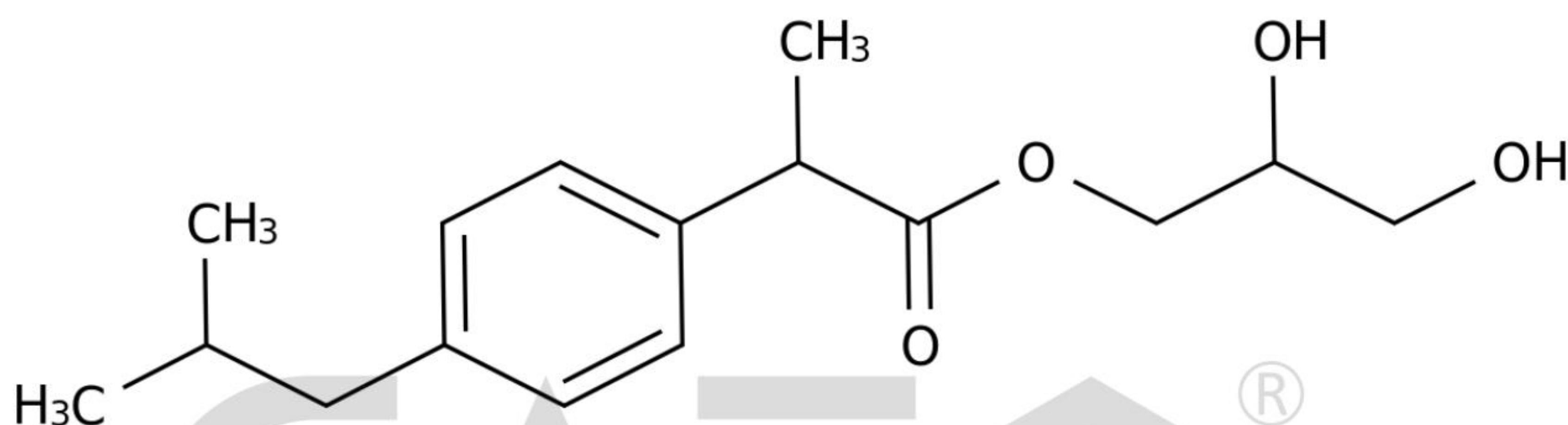


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                   |                                           |
|--------------------|------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Ibuprofen Impurity 83                          | Catalogue Number: | C4X-108283                                |
| Synonyms:          | N/A                                            | Lot Number:       | 0819-RF-0135                              |
| CAS Number:        | 64622-21-5                                     | Expiry Date:      | Aug 21, 2027                              |
| Molecular Formula: | C <sub>16</sub> H <sub>24</sub> O <sub>4</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 280.36                                         |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 90.0%             |

CATO Research Chemicals Inc.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Aug 22, 2024

Date: Aug 22, 2024

Date: Aug 22, 2024

