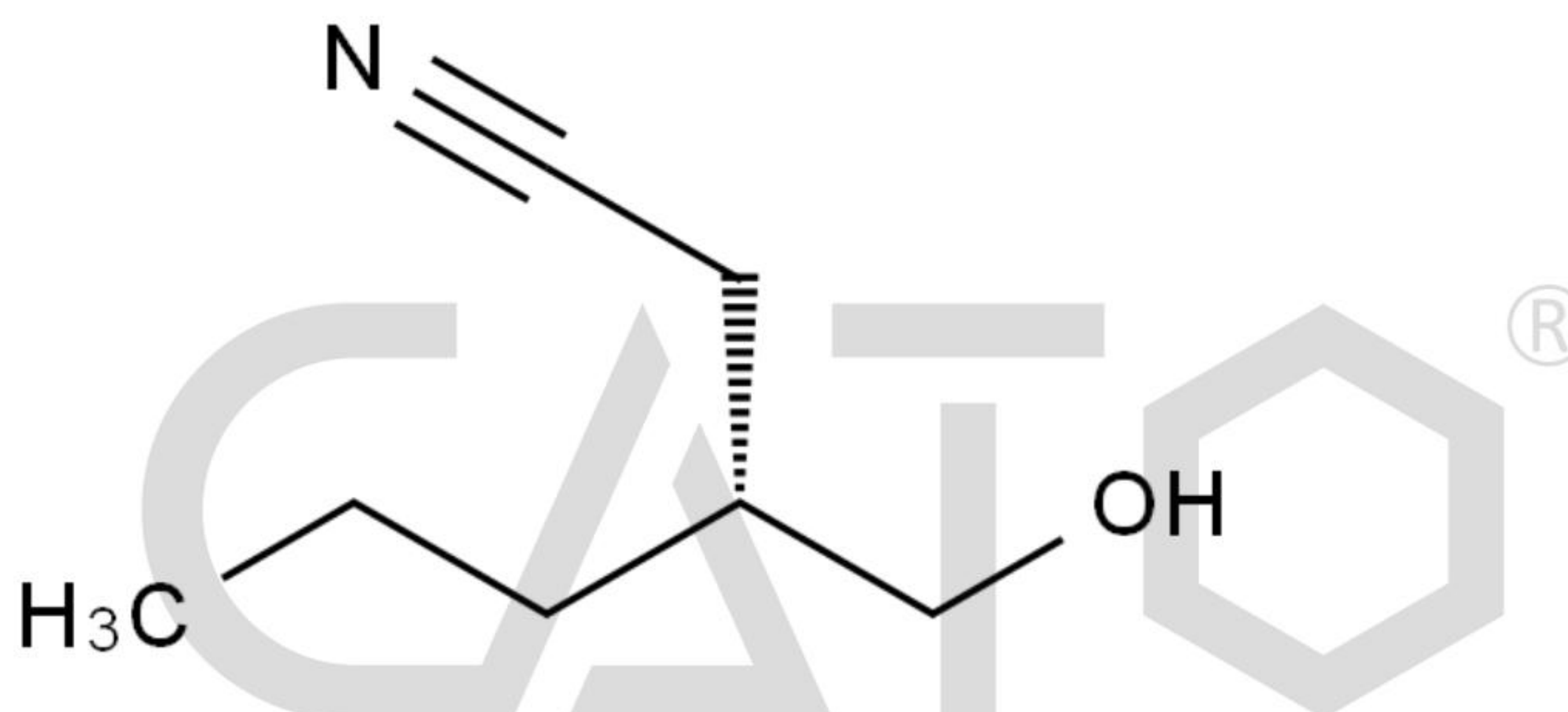


# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Brivaracetam Impurity 29          | Catalogue Number: | C4X-200729                                |
| Synonyms:          | N/A                               | Lot Number:       | 0819-RG-0019                              |
| CAS Number:        | 2179080-15-8                      | Expiry Date:      | Sep 01, 2029                              |
| Molecular Formula: | C <sub>7</sub> H <sub>13</sub> NO | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 127.18                            |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | Colourless Sticky Liquid |
| Identification | GCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 95.163%                  |
| Loss On Drying | TGA               | 3.219%                   |
| Assay          |                   | 92.1%                    |

## Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 23, 2025

Date: Sep 23, 2025

Date: Sep 23, 2025



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