

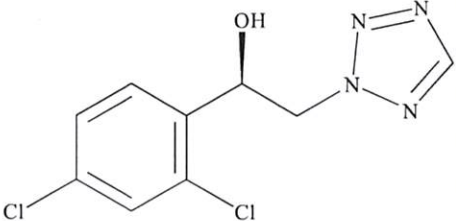
## Certificate of Analysis

Certificate No.: **20260528003**



Date: May 28, 2026

Retest date: May 21, 2029

|   |  |
|---|--|
| <b>Compound Name:</b> Cenobamate Impurity 6 |  |
| <b>Synonyms:</b>                            | (R)-1-(2,4-dichlorophenyl)-2-(2H-tetrazol-2-yl)ethan-1-ol      |
| <b>TLC Catalogue Number:</b>                | C-406013   |
| <b>CAS Number:</b>                          | N/A  |
| <b>Alternate CAS Number:</b>                | N/A  |
| <b>Molecular Weight:</b>                    | 259.09   |
| <b>Molecular Formula:</b>                   | C <sub>9</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>4</sub> O |
| <b>Source:</b>                              | TLC Pharmaceutical Standards                                   |
| <b>Source Lot No.:</b>                      | 7399-032A3   |
| <b>Storage Conditions:</b>                  | Store at 2-8 °C  |
| <b>Solubility:</b>                          | Methanol, DMSO   |



| Test Description               | Specifications                   | Results  |
|--------------------------------|----------------------------------|--|
| <b>Visual Description</b>      | Pale yellow solid                | <b>Conforms</b>                                  |
| <b>Identification</b>          |                                  |  |
| IR                             | Conforms to structure            | <b>Conforms</b>                                  |
| MS                             | Conforms to structure            | <b>Conforms</b>                                  |
| <sup>1</sup> H NMR             | Conforms to structure            | <b>Conforms</b>                                  |
| <b>Purity (HPLC)</b>           | Not less than 95.0%              | <b>98.8%</b>                                     |
| <b>Impurity (HPLC)</b>         | RT 18.03, 0.86%; RT 20.04, 0.13% |  |
| <b>Purity (Chiral HPLC)</b>    | Not less than 98.0%              | <b>99.8%</b>                                     |
| <b>Water Content (KF)</b>      | N/A                              | <b>0.5%</b>                                      |
| <b>Optical Rotation</b>        | N/A                              | $[\alpha]_D^{25.0}(c=0.71, CH_3OH): -56.8^\circ$ |
| <b>Residual Solvents (NMR)</b> | 0.1% ethyl acetate               |  |
| <b>Assay (%)</b>               | Not less than 90.0%              | <b>98.0%</b>                                     |
| <b>Recommendation:</b>         | <b>Release.</b>                  |  |

| Name                      | Department        | Signature  | Date       |
|---------------------------|-------------------|--|------------|
| Reviewed and approved by: | Quality Control   |  | 05/28/2026 |
| Approved by:              | Quality Assurance |  | 05/28/2026 |

**Attachments:** Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.