

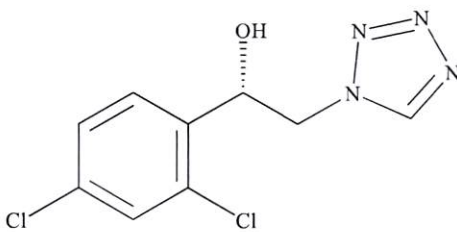
Certificate of Analysis

Certificate No.: **20260608008**



Date: June 8, 2026

Retest date: June 3, 2029

Compound Name: <i>ent</i> -Cenobamate Impurity 8	
Synonyms:	(S)-1-(2,4-dichlorophenyl)-2-(1H-tetrazol-1-yl)ethan-1-ol
TLC Catalogue Number:	C-406018
CAS Number:	N/A
Alternate CAS Number:	2987162-18-3 (Racemic)
Molecular Weight:	259.09
Molecular Formula:	C ₉ H ₈ Cl ₂ N ₄ O
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7399-070A4
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Ethanol



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.8%
Impurity (HPLC)	RT 14.70, 0.19%	
Purity (Chiral HPLC)	Not less than 98.0%	100.0%
Water Content (KF)	N/A	0.2%
Optical Rotation	N/A	$[\alpha]_D^{25.0}(c=0.55, CH_3OH): +88.8^\circ$
Residual Solvents (NMR)	0.1% methanol and 0.1% ethyl acetate	
Assay (%)	Not less than 90.0%	99.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/08/2026
Approved by:	Quality Assurance		06/08/2026

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