

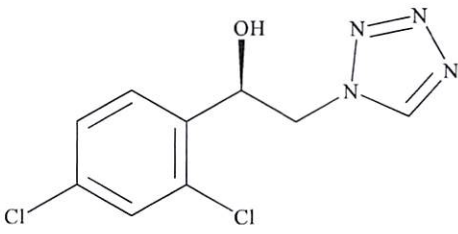
Certificate of Analysis

Certificate No.: **20260605010**



Date: June 5, 2026

Retest date: June 1, 2029

Compound Name: Cenobamate Impurity 8	
Synonyms:	(R)-1-(2,4-dichlorophenyl)-2-(1H-tetrazol-1-yl)ethan-1-ol
TLC Catalogue Number:	C-406017
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.:	7399-054A5
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Ethanol



Test Description	Specifications	Results
Visual Description	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%	99.9%
Impurity (HPLC)	RT 19.64, 0.12%	
Purity (Chiral HPLC)	Not less than 98.0%	100.0%
Water Content (KF)	N/A	0.1%
Optical Rotation	N/A	$[\alpha]_D^{25.0}(c=0.72, CH_3OH)$: -85.6°
Residual Solvents (NMR)	0.1% ethyl acetate	
Assay (%)	Not less than 90.0%	99.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/05/2026
Approved by:	Quality Assurance		06/05/2026

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