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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Carvedilol USP Related Compound D

Identification:

Chemical Name: 4-(Oxiran-2-ylmethoxy)-9H-carbazole

Synonyms : Carvedilol Epoxide Impurity

CAS Number : 51997-51-4

CAT Number : CP-C10006

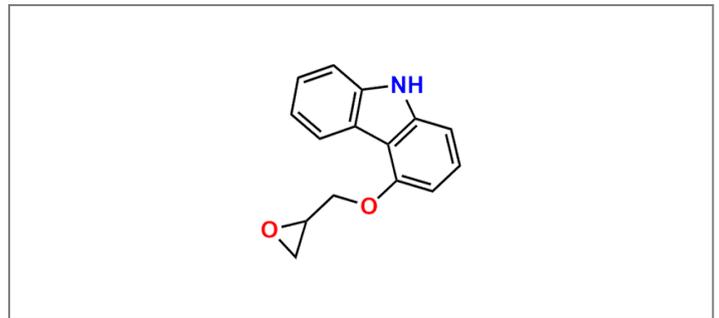
Molecular Formula : C₁₅H₁₃NO₂

Molecular Weight : 239.27

Batch Number : CP-CAR-RCD-0424

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.74%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.085%
9)	Potency by TGA	99.65%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.