

Certificate of Analysis

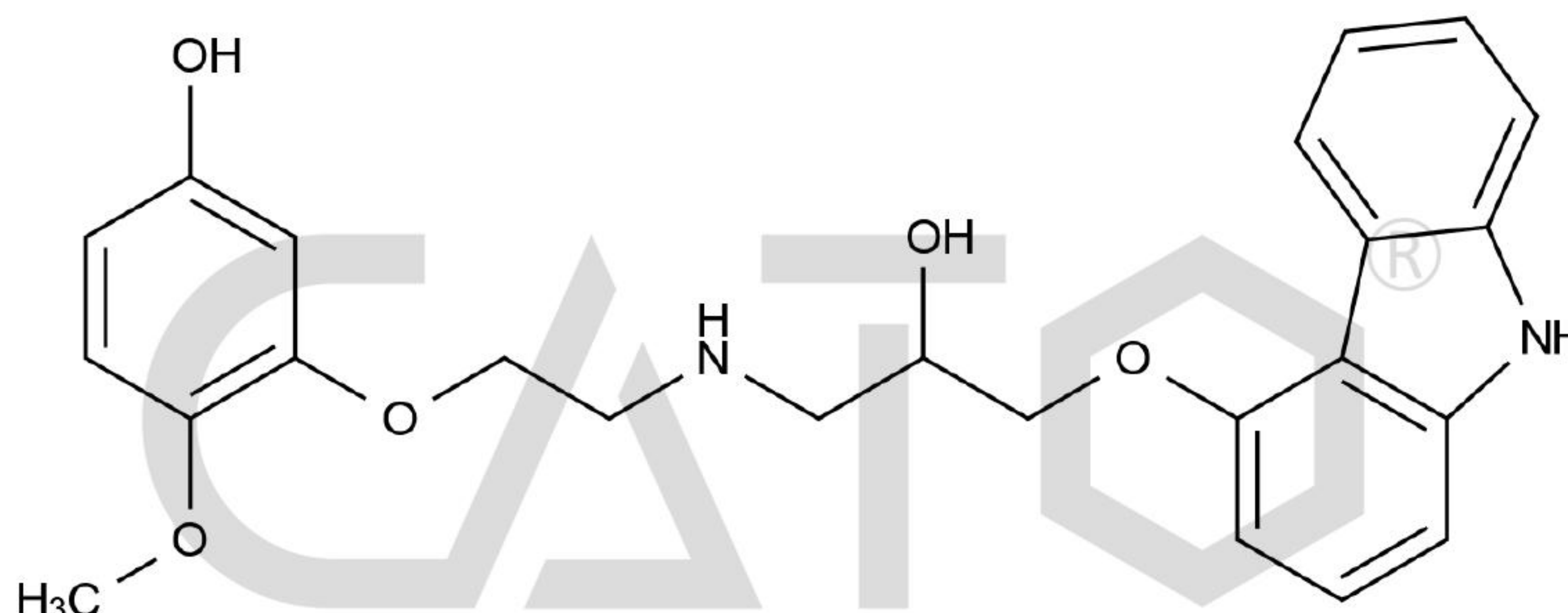
Reference Material & Standard

Product Name:	5'-Hydroxyphenyl Carvedilol	Catalogue Number:	C1290833
Synonyms:	N/A	Lot Number:	0127-RH-0046
CAS Number:	142227-51-8	Expiry Date:	Jan 21, 2030
Molecular Formula:	C ₂₄ H ₂₆ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	422.47	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.3035%
Loss On Drying	TGA	2.083%
Assay		96.3%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 27, 2026

Date: Jan 28, 2026

Date: Jan 28, 2026



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