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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Carvedilol Impurity 17**

### Identification:

Chemical Name: 1-[[2-(2-Methoxyphenoxy)ethyl]amino]-3-[(9-methyl-9H-carbazol-4-yl)oxy]-2-propanol Hydrochloride

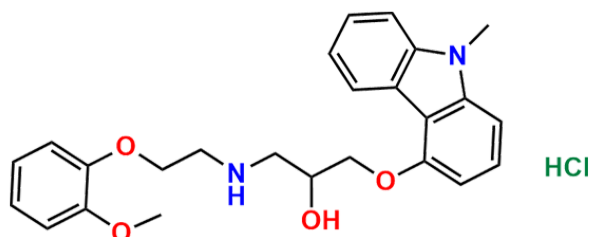
Synonyms : N-Methyl carbazole ; N-Methyl  
Carvedilol

CAS Number : 933442-47-8

CAT Number : CP-C10018

Molecular Formula : C<sub>25</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub> : HCl

Molecular Weight : 420.51 : 36.5



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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