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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Diphenhydramine Related Compound A**

### Identification:

Chemical Name: 2-(Diphenylmethoxy)-N-methylethanamine hydrochloride

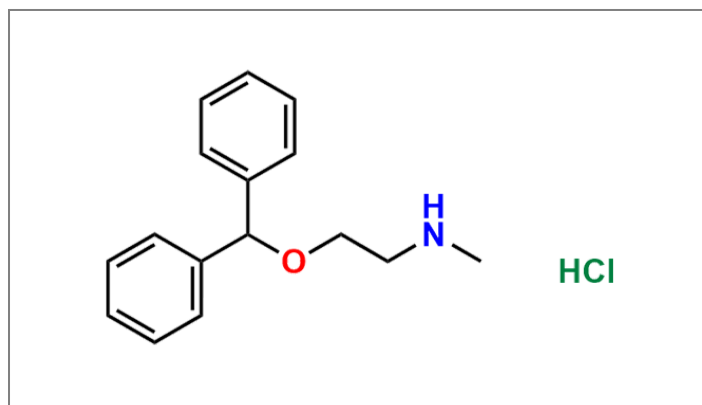
Synonyms : N-Desmethyl diphenhydramine hydrochloride ;  
Diphenhydramine EP Impurity A

CAS Number : 53499-40-4

CAT Number : CP-1218016

Molecular Formula : C<sub>16</sub>H<sub>19</sub>NO : HCl

Molecular Weight : 241.29 : 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	>98%
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.