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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ambroxol EP Impurity D**

### Identification:

Chemical Name: Cis-4-[(2-amino-3,5-dibromobenzyl)amino]cyclohexanol hydrochloride

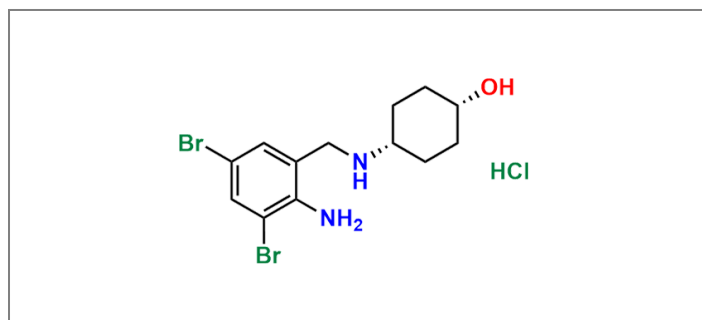
Synonyms : Cis-Ambroxol HCl

CAS Number : 1384955-66-1

CAT Number : CP-A38004

Molecular Formula : C<sub>13</sub>H<sub>18</sub>Br<sub>2</sub>N<sub>2</sub>O : HCl

Molecular Weight : 378.1 : 36.46



### 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.