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### CERTIFICATE OF ANALYSIS

Analysis Date:

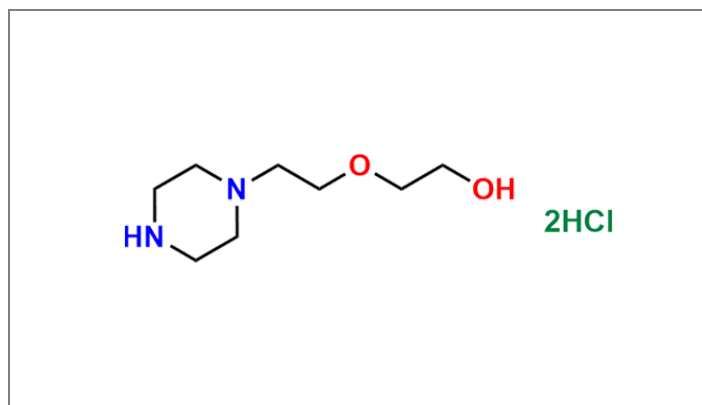
Re-test Date:

**Product Name: Hydroxyzine Impurity 1**

#### Identification:

Chemical Name: 2-(2-(Piperazin-1-yl)ethoxy)ethan-1-ol dihydrochloride

Synonyms : NA  
CAS Number : 85293-16-9  
CAT Number : CP-H11003  
Molecular Formula : C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub> : 2(HCl)  
Molecular Weight : 174.2 : 2(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.