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CERTIFICATE OF ANALYSIS

Analysis Date:

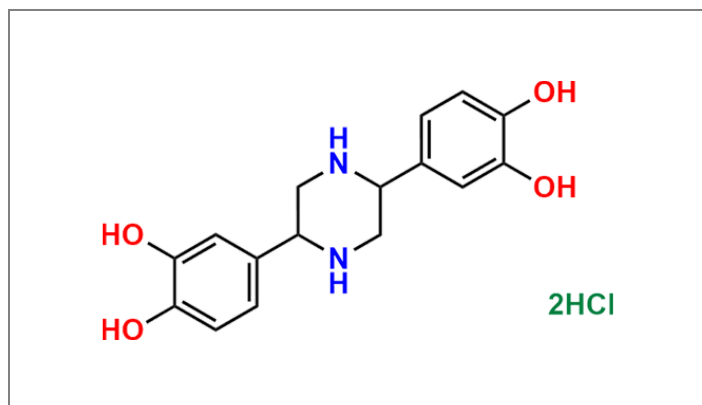
Re-test Date:

Product Name: Epinephrine Impurity 4

Identification:

Chemical Name: 4,4'-(Piperazine-2,5-diyl)bis(benzene-1,2-diol) dihydrochloride

Synonyms : NA
CAS Number : 2518001-66-4
CAT Number : CP-E42013
Molecular Formula : C₁₆H₁₈N₂O₄ : 2(HCl)
Molecular Weight : 302.33 : 2(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.