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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Sibutramine Impurity 4**

### Identification:

Chemical Name: 1-(1-(4-chlorophenyl)cyclobutyl)-N,N-dimethyl-3-phenylpropan-1-amine hydrochloride

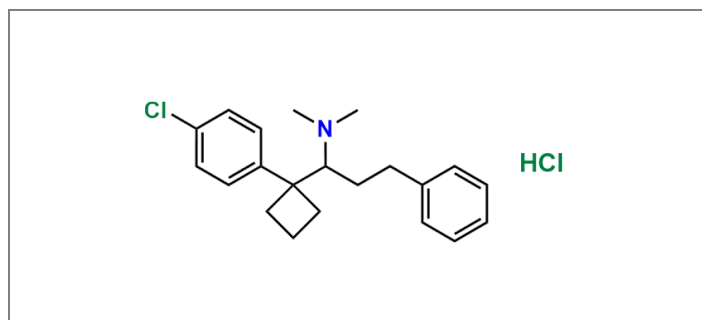
Synonyms : NA

CAS Number : NA

CAT Number : CP-S51023

Molecular Formula : C<sub>21</sub>H<sub>26</sub>ClN : HCl

Molecular Weight : 327.90 : 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.