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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Venetoclax Impurity 38**

### Identification:

Chemical Name: 1-((4'-Chloro-5,5-dimethyl-3,4,5,6-tetrahydro-[1,1'-biphenyl]-2-yl)methyl)piperazine dihydrochloride

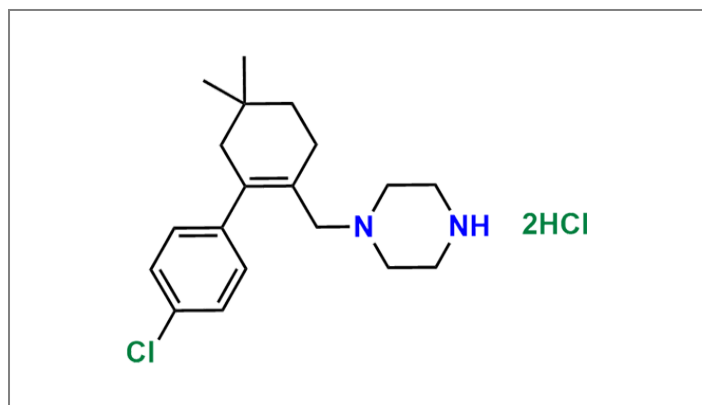
Synonyms : NA

CAS Number : 1628047-87-9

CAT Number : CP-V17025

Molecular Formula : C<sub>19</sub>H<sub>27</sub>ClN<sub>2</sub> : 2(HCl)

Molecular Weight : 318.89 : 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.