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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Naratriptan Impurity F**

#### Identification:

Chemical Name: 4-[1,5-Bis-(2-methylsulfamoyl-ethyl)-1H-indol-3-yl]-1-methylpyridinium chloride (as per USP)

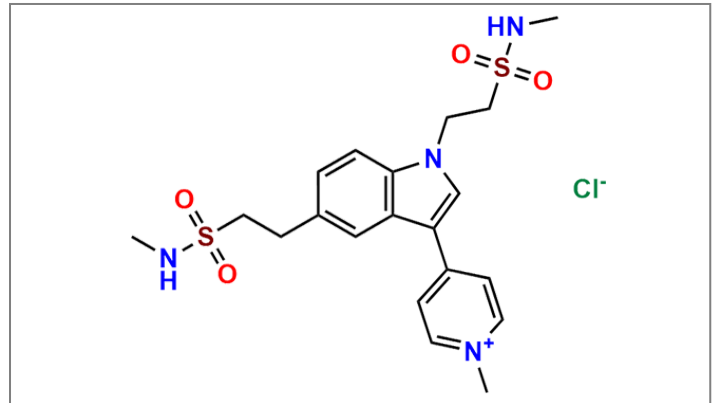
Synonyms : N-Sulfamoylethyl Naratriptan  
Pyridinium

CAS Number : 2144776-33-8

CAT Number : CP-N4001

Molecular Formula : C<sub>20</sub>H<sub>27</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub> : Cl

Molecular Weight : 451.6 : 35.5



#### 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.