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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Diltiazem EP Impurity C

Identification:

Chemical Name: (2S,3S)-5-[2-(dimethylamino)ethyl]-2-(4-hydroxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate hydrochloride (as per EP & USP)

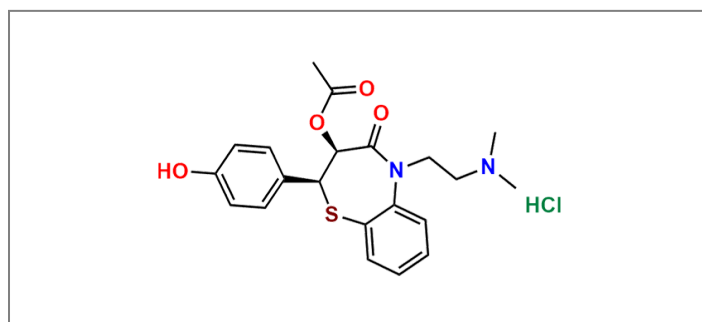
Synonyms : Diltiazem USP Related
Compound C ; O-Desmethyl
Diltiazem HCl

CAS Number : 1286126-67-7

CAT Number : CP-D22003

Molecular Formula : C₂₁H₂₄N₂O₄S : HCl

Molecular Weight : 400.5 : 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.