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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Enalapril EP Impurity D

Identification:

Chemical Name: Ethyl (2S)-2-[(3S,8aS)-3-methyl-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl]-4-phenylbutanoate (as per EP)

Synonyms : Enalapril diketopiperazine ;
Enalapril USP Related
Compound D

CAS Number : 115729-52-7

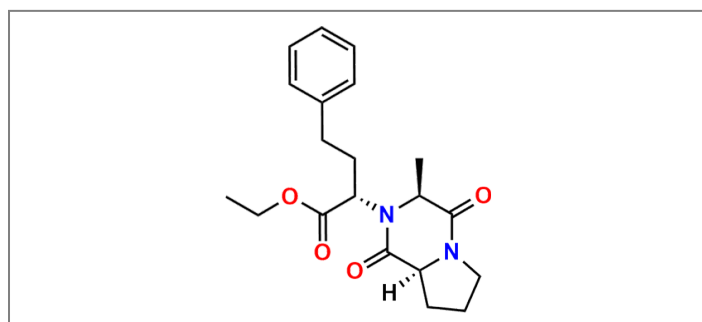
CAT Number : CP-E12004

Molecular Formula : C₂₀H₂₆N₂O₄

Molecular Weight : 358.4

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



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)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-




Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.