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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

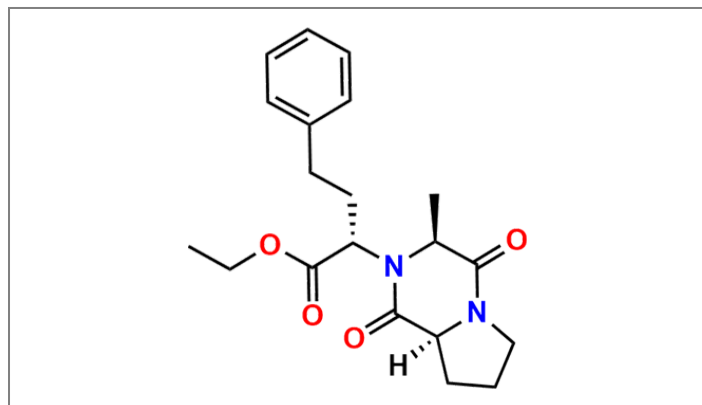
Synonyms : Enalapril diketopiperazine ;  
Enalapril USP Related  
Compound D

CAS Number : 115729-52-7

CAT Number : CP-E12004

Molecular Formula : C<sub>20</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 358.4



**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.