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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Lisinopril EP Impurity D**

### Identification:

Chemical Name: (2S)-2-[(3S,8aR)-3-(4-aminobutyl)-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl]-4-phenylbutanoic acid

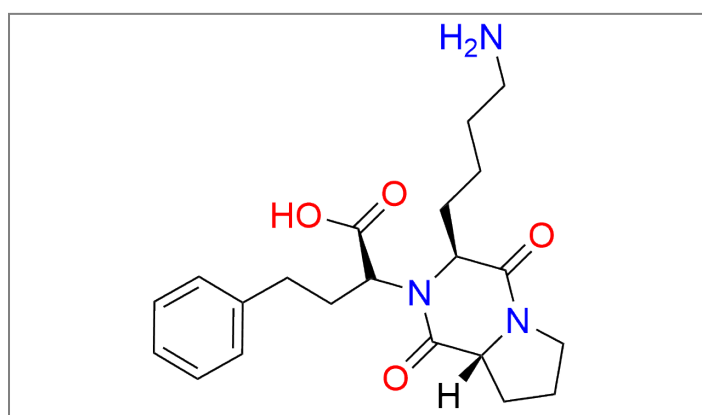
Synonyms : Lisinopril (S,S,R)-  
Diketopiperazine

CAS Number : 219677-82-4

CAT Number : CP-L21004

Molecular Formula : C<sub>21</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 387.48



### 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.