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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

**Product Name: Captopril EP Impurity A**

### Identification:

Chemical Name: 1,1'-[Disulfanediy]bis[(2S)-2-methyl-1-oxopropane-3,1-diy]]bis[(2S)-pyrrolidine-2-carboxylic] acid (as per EP)

Synonyms : Captopril Disulphide (USP)

CAS Number : 64806-05-9

CAT Number : CP-C53001

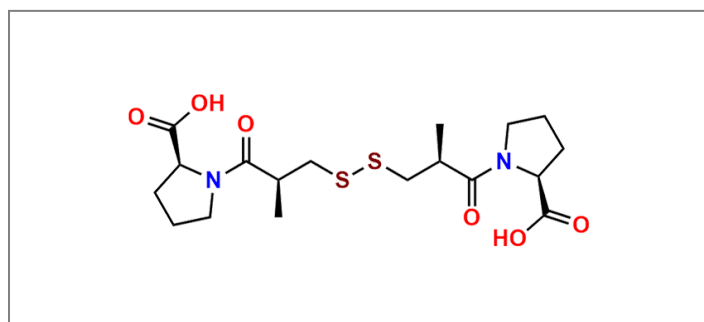
Molecular Formula : C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>

Molecular Weight : 432.55

Batch Number : CP-CAP-A-0723

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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.52%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.