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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2022

Re-test Date: Sep 2025

**Product Name: Pentoxifylline EP Impurity D**

### Identification:

Chemical Name: 1-(3-hydroxypropyl)-3,7-dimethyl-1H-purine-2, 6(3H,7H)-dione

Synonyms : NA

CAS Number : 59413-14-8

CAT Number : CP-P17004

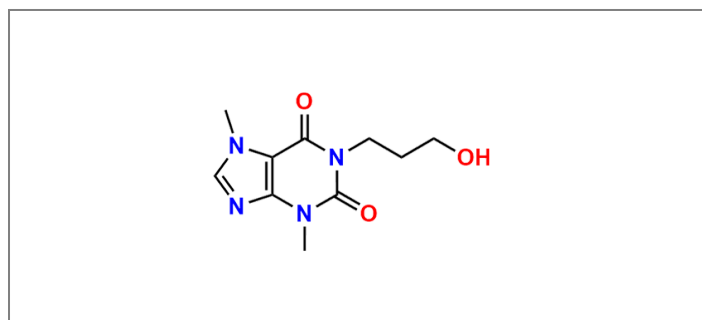
Molecular Formula : C<sub>10</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight : 238.24

Batch Number : CHEM-PEN-D

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 Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.68%
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.