

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP067013-01)

Release Date: 22/03/2025

Re-test Date: 21/03/2028

## Pentoxifylline EP Impurity H

### Identification

**Chemical Name :**

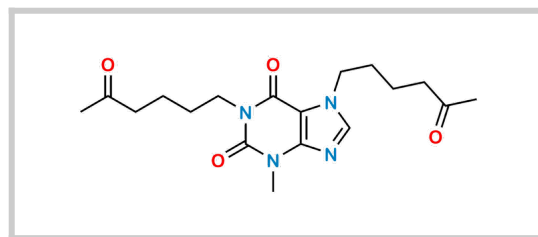
3-methyl-1,7-bis(5-oxohexyl)-3,7-dihydro-1H-purine-2,6-dione

CAT No. : KMP067013

CAS No. : 200556-62-3

Molecular Formula : C<sub>18</sub>H<sub>26</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight : 362.4



### Analytical Information

Batch No. : P067013-091-284

Description : Yellow Thick Syrup

HPLC Purity : 99.29 %

Weight Loss By TGA : 0.49 %

% Potency : 98.8 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.49(Weight Loss By TGA)] x [99.29(HPLC Purity)]/100 = 98.8 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/03/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA