

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP067013-01)

Release Date: 22/03/2025

Re-test Date: 21/03/2028

## Pentoxifylline EP Impurity H

### Identification

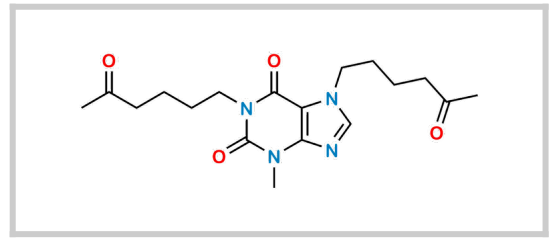
**Chemical Name :**  
3-methyl-1,7-bis(5-oxohexyl)-3,7-dihydro-1H-purine-2,6-dione

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		22/03/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		22/03/2025

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