

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP067016-01)

Release Date: 18/03/2025

Re-test Date: 17/03/2028

## Pentoxifylline EP Impurity K

### Identification

**Chemical Name :**

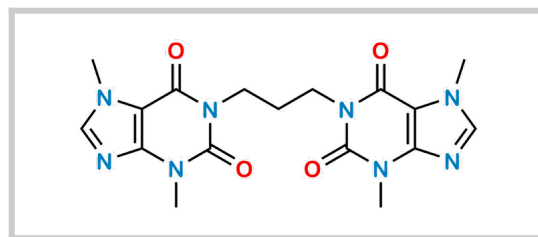
1,1'-(propane-1,3-diyl)bis(3,7-dimethyl-3,7-dihydro-1H-purine-2,6-dione)

CAT No. : KMP067016

CAS No. : 74857-22-0

Molecular Formula : C<sub>17</sub>H<sub>20</sub>N<sub>8</sub>O<sub>4</sub>

Molecular Weight : 400.4



### Analytical Information

Batch No. : P067016-091-261

Description : White Solid

HPLC Purity : 99.74 %

Weight Loss By TGA : 1.10 %

% Potency : 98.64 %

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 - 1.10(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 98.64 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/03/2025

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