CERTIFICATE OF ANALYSIS

(Certificate No. KMP067017-01)

Release Date: 12/03/2025 **Re-test Date:** 11/03/2028

Pentoxifylline Pentanoate Impurity

Identification

Chemical Name:

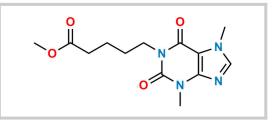
Methyl 5-(3,7-dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-1-yl)pentanoate

CAT No. : KMP067017

CAS No. : 74857-33-3

Molecular Formula : C13H18N4O4

Molecular Weight : 294.3



Analytical Information

Description : White Solid **Mass** : Confirm

 $\label{eq:hplc-purity} \textbf{HPLC Purity} \qquad :99.44~\% \qquad \qquad \textbf{IR} \qquad :Confirm$

Weight Loss By TGA : 0.58 % 1H NMR : Confirm

% Potency : 98.86 %

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 - 0.58(Weight Loss By TGA)] x [99.44(HPLC Purity)]/100 = 98.86 %

Recommendation : Released

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

 $\textbf{Attachments} \quad : \mathsf{COA}, \, \mathsf{HPLC}, \, \mathsf{MASS}, \, \mathsf{1HNMR}, \, \mathsf{IR} \, \mathsf{and} \, \mathsf{TGA}$