

CERTIFICATE OF ANALYSIS

(Certificate No. KMP067017-01)

Release Date: 12/03/2025

Re-test Date: 11/03/2028

Pentoxifylline Pentanoate Impurity

Identification

Chemical Name :

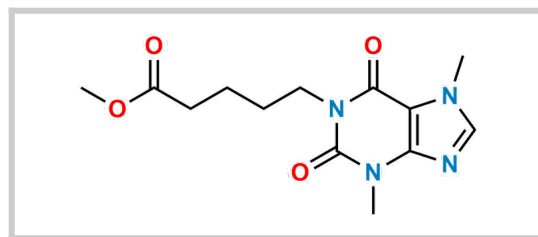
Methyl 5-(3,7-dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-1-yl)pentanoate

CAT No. : KMP067017

CAS No. : 74857-33-3

Molecular Formula : C₁₃H₁₈N₄O₄

Molecular Weight : 294.3



Analytical Information

Batch No. : P067017-091-263

Description : White Solid

HPLC Purity : 99.44 %

Weight Loss By TGA : 0.58 %

% Potency : 98.86 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 0.58(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

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA