

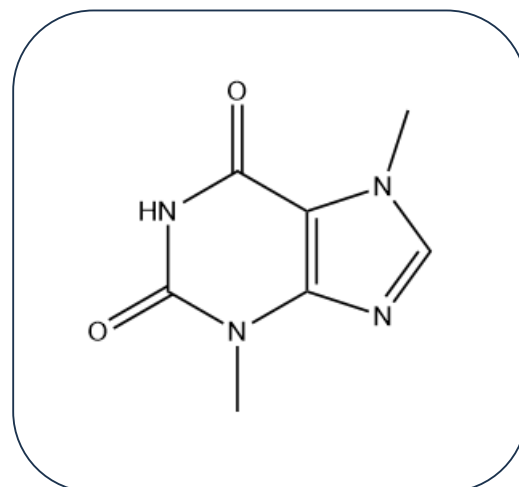
Certificate of Analysis

Catalogue Number

KL-02-00605

Lot Number

KLAG00002

Structure

Product Name

Caffeine EP Impurity D

Synonyms

Pentoxifylline EP Impurity A; Caffeine Related Compound D; 3,7-dimethylpurine-2,6-dione

CAS Number

83-67-0

Molecular Formula

 C₇H₈N₄O₂
Molecular Weight

180.2 g/mol

Mfg. Date

06-08-2025

Re-Test Date

05-08-2030

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Appearance of Product	: White to Off-White Solid	Purity by HPLC	: 99.68%
Solubility	: DMSO, Methanol	Potency	: 99.40%
¹ HNMR	: Confirm	Mass	: Confirm
IR Analysis	: Confirm	Weight Content By TGA	: 0.271%
Residue of Ignition	: 0.00%		


 Approved By B Kishore

