



CERTIFICATE OF ANALYSIS

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1. Identification

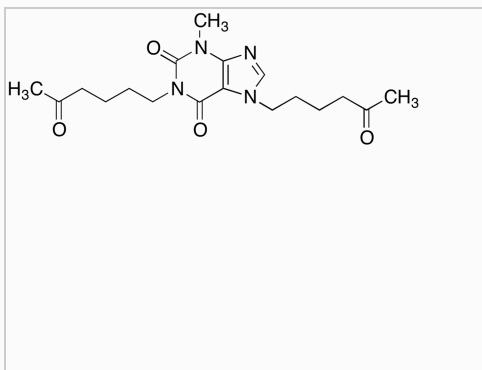
Catalogue Number: D447468

CAS Number: 200556-62-3

Product: 3,7-Dihydro-3-methyl-1,7-bis(5-oxohexyl)-1H-purine-2,6-dione

Synonym: Pentoxifylline EP Impurity H;

Structure:



Molecular Formula:

C₁₈H₂₆N₄O₄

Molecular weight:

362.42

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 11-KAN-122-3

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Brown to Dark Brown Semi-Solid	Brown to Dark Brown Semi-Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.64, %H: 7.66, %N: 15.16
HPLC Purity	Report Result	99.29% (210 nm)
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
swathi reddy	Toni Rantanen	Chanell Chu	12/19/2023	12/17/2027