

Certificate of Analysis

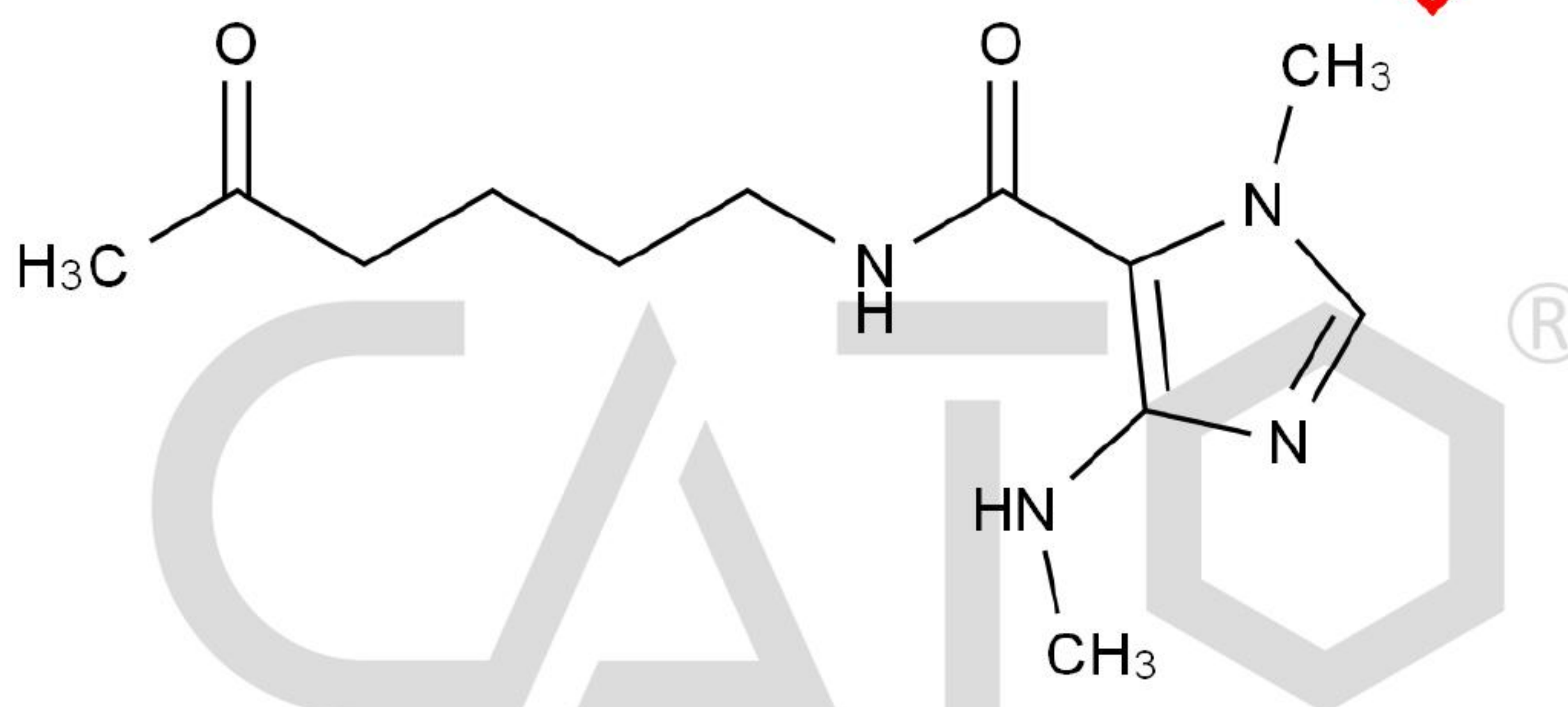
Reference Material & Standard

Product Name:	Pentoxifylline Impurity N3	Catalogue Number:	CP145048
Synonyms:	N/A	Lot Number:	0509-RE-0039
CAS Number:	70486-28-1	Expiry Date:	Nov 26, 2029
Molecular Formula:	C ₁₂ H ₂₀ N ₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	252.31	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.578%
Loss On Drying	TGA	3.0048%
Assay		90.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 28, 2025

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

