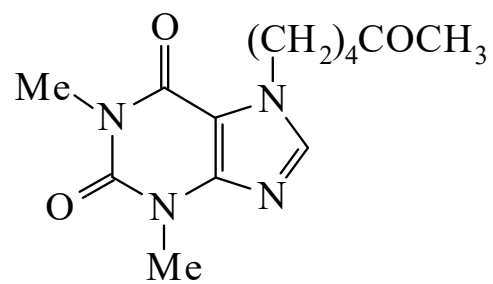




>>Entry Name: Lomifylline, INN

Synonym(s): 3,7-Dihydro-1,3-dimethyl-7-(5-oxohexyl)-1*H*-purine-2,6-dione, 9Cl. 7-(5-Oxohexyl)theophylline



CAS Registry Number: 10226-54-7

Molecular Formula: C₁₃H₁₈N₄O₃

Molecular Weight: 278.31

Accurate Mass: 278.137891

Percentage Composition: C 56.10%; H 6.52%; N 20.13%; O 17.25%

Use/Importance: Peripheral vasodilator

Melting Point: Mp 75-76°

Calculated Log P Data: Log P 0.1 (uncertain value) (calc)

References:

Netherlands Pat., 1966, *Chem Werke Albert*, 6 511 581; *CA*, **65**, 20150h, (*synth, pharmacol, tox*)