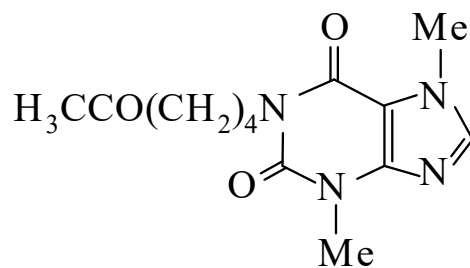




>>Entry Name: **Pentoxifylline**, INN, JAN, USAN

Synonym(s): 3,7-Dihydro-3,7-dimethyl-1-(5-oxohexyl)-1*H*-purine-2,6-dione, 9CI. 1-(5-Oxohexyl)theobromine, 8CI. **Oxpentifylline**, BAN. Agapurin. Azupentat. Torental. **Trental**†. Pentoflux. Vazofirin. BL 191. Many other names



CAS Registry Number: 6493-05-6

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%

Biological Use/Importance: Vasodilator

Physical Description: Needles (MeOH)

Development Status: Marketed drug

Melting Point: Mp 105°

Solubility: Sol. H₂O, C₆H₆

Hazard & Toxicity: LD₅₀ (rat, orl) 1170 mg/kg. Exp. reprod. and teratogenic effects

Sigma: P1784

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