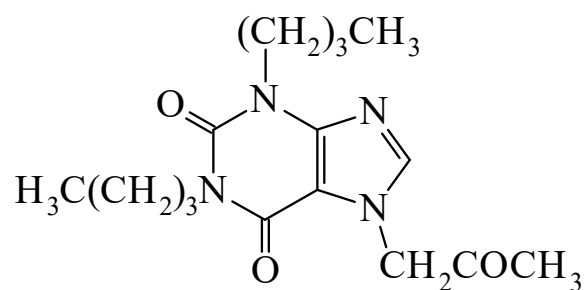




>>Entry Name: Denbufylline, BAN, INN

Synonym(s): 1,3-Dibutyl-3,7-dihydro-7-(2-oxopropyl)-1H-purine-2,6-dione, 9Cl. BRL 30892



CAS Registry Number: 57076-71-8

Molecular Formula: C₁₆H₂₄N₄O₃

Molecular Weight: 320.391

Accurate Mass: 320.184841

Percentage Composition: C 59.98%; H 7.55%; N 17.49%; O 14.98%

Use/Importance: Phosphodiesterase (type IV) inhibitor, peripheral vasodilator. Investigated for treatment of dementia

Physical Description: Cryst. (petrol/EtOH)

Melting Point: Mp 106°

Calculated Log P Data: Log P 2.67 (uncertain value) (calc)

References:

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