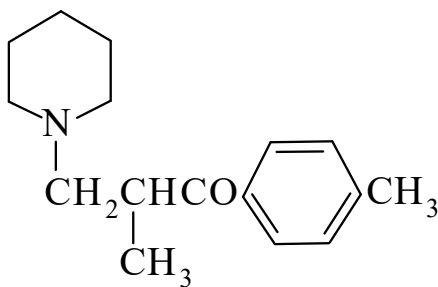




>>Entry Name: Tolperisone, BAN, INN

Synonym(s): 2-Methyl-1-(4-methylphenyl)-3-(1-piperidiny)-1-propanone, 9Cl. 2,4'-Dimethyl-3-piperidinopropiophenone, 8Cl. 2-Methyl-3-piperidino-1-*p*-tolyl-1-propanone. Mydocalm. Many other names



CAS Registry Number: 728-88-1

Molecular Formula: C₁₆H₂₃NO

Molecular Weight: 245.364

Accurate Mass: 245.177964

Percentage Composition: C 78.32%; H 9.45%; N 5.71%; O 6.52%

Use/Importance: Muscle relaxant, spasmolytic. Peripheral vasodilator

>>Variant: (±)-form

Molecular Formula: C₁₆H₂₃NO

Molecular Weight: 245.364

Accurate Mass: 245.177964

Percentage Composition: C 78.32%; H 9.45%; N 5.71%; O 6.52%

Calculated Log P Data: Log P 3.85 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1450 mg/kg

>>Derivative: Hydrochloride

Synonym(s): Tolperisone hydrochloride, JAN. Muscalm

CAS Registry Number: 3644-61-9

Physical Description: Cryst. (2-butanone)

Melting Point: Mp 176-177°

Sigma: T4644

References:

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