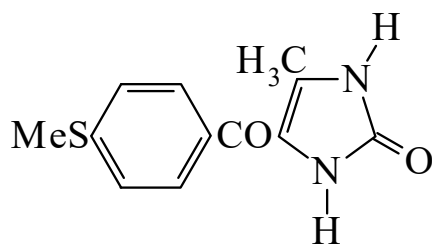




>>Entry Name: Enoximone, BAN, INN, USAN

Synonym(s): 1,3-Dihydro-4-methyl-5-[4-(methylthio)benzoyl]-2H-imidazol-2-one, 9CI. 4-Methyl-5-[4-(methylthio)benzoyl]-4-imidazolin-2-one. Fenoximone. Perfane. MDL 17043. RMI 17043



CAS Registry Number: 77671-31-9

Type of Compound Code(s): XA4830 XA2760 XA5940

Molecular Formula: C₁₂H₁₂N₂O₂S

Molecular Weight: 248.305

Accurate Mass: 248.061948

Percentage Composition: C 58.05%; H 4.87%; N 11.28%; O 12.89%; S 12.91%

Use/Importance: Phosphodiesterase inhibitor (type III), positive inotropic and vasodilatory activity; used in the treatment of congestive heart failure. Long-chain acyl-CoA synthetase inhibitor

Physical Description: Cryst. (2-propanol)

Development Status: Launched 1988

Melting Point: Mp 255-258 dec.°

Calculated Log P Data: Log P 2.26 (calc)

References:

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