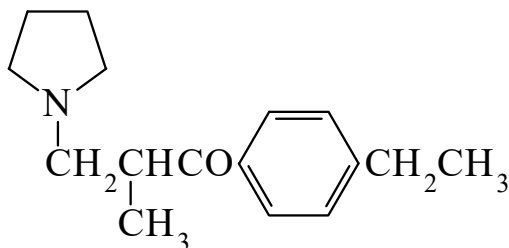




>>Entry Name: Inaperisone, INN

Synonym(s): 1-(4-Ethylphenyl)-2-methyl-3-(1-pyrrolidinyl)-1-propanone, 9CI. Rilan. Sweem. HSR 770. HY 770



CAS Registry Number: 99323-21-4

Related CAS Registry Numbers(s): 90878-85-6

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: Skeletal muscle relaxant

Calculated Log P Data: Log P 3.82 (calc)

>>Variant: (±)-form

CAS Registry Number: 125676-39-3

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%

>>Derivative: Hydrochloride

CAS Registry Number: 118230-97-0

Physical Description: Needles (butanone)

Melting Point: Mp 152-153°

References:

Eur. Pat., 1985, *Hokuriku Pharm*, 150 235; *CA*, **103**, 215160, (*synth*)

Morikawa, K. *et al.*, *Arzneim.-Forsch.*, 1987, **37**, 331, (*pharmacol*)

Drugs of the Future, 1988, **13**, 310, (*rev*)

Nagata, O. *et al.*, *J. Chromatogr.*, 1989, **496**, 456, (*glc*)

Nagata, O. *et al.*, *Drug Metab. Dispos.*, 1990, **18**, 902, (*pharmacokinet*)