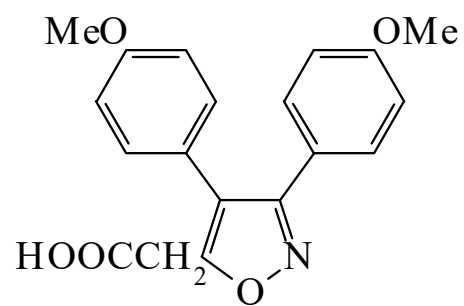




>>Entry Name: Mofezolac, INN

Synonym(s): 3,4-Bis(4-methoxyphenyl)-5-isoxazoleacetic acid, 9CI. Disopain. N-22



CAS Registry Number: 78967-07-4

Molecular Formula: C₁₉H₁₇NO₅

Molecular Weight: 339.347

Accurate Mass: 339.110674

Percentage Composition: C 67.25%; H 5.05%; N 4.13%; O 23.57%

Use/Importance: Cyclooxygenase inhibitor. Analgesic, non-steroidal antiinflammatory agent

Physical Description: Cryst. (C₆H₆)

Development Status: Launched 1994 (Japan)

Melting Point: Mp 142-143°

Calculated Log P Data: Log P 3.41 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 887 mg/kg. LD₅₀ (rat, ipr) 342 mg/kg. Exp. reprod. effects

References:

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Yoshimura, Y. *et al.*, *Oyo Yakuri*, 1990, **39**, 495, (*pharmacol*)

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