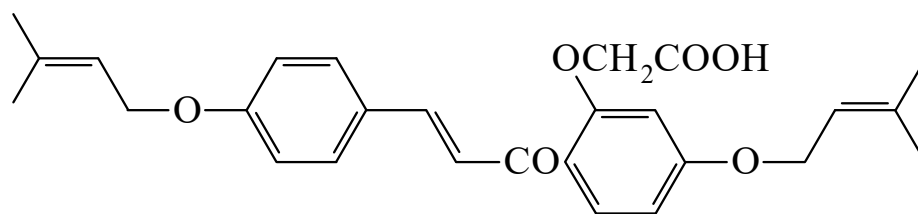




>>Entry Name: Sofalcone, INN, JAN

Synonym(s): [5-[(3-Methyl-2-butenyl)oxy]-2-[3-[4-[(3-methyl-2-butenyl)oxy]phenyl]-1-oxo-2-propenyl]phenoxy]acetic acid, 9CI. [5-[(3-Methyl-2-butenyl)oxy]-2-[*p*-[(3-methyl-2-butenyl)oxy]cinnamoyl]phenoxy]acetic acid. Solon. Solong. SU-88



CAS Registry Number: 64506-49-6

Molecular Formula: C₂₇H₃₀O₆

Molecular Weight: 450.53

Accurate Mass: 450.20424

Percentage Composition: C 71.98%; H 6.71%; O 21.31%

Use/Importance: Antiulcer agent

Physical Description: Cryst. (EtOH)

Development Status: Launched 1984

Melting Point: Mp 143-144°

Calculated Log P Data: Log P 5.44 (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 1680 mg/kg. Exp. reprod. and teratogenic effects

References:

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Konturek, S.J. *et al.*, *Eur. J. Pharmacol.*, 1986, **125**, 185, (*pharmacol*)
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