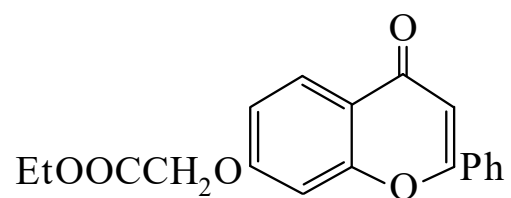




>>Entry Name: **Eflorate**, INN, JAN

Synonym(s): Ethyl [(4-oxo-2-phenyl-4*H*-1-benzopyran-7-yl)oxy]acetate, 9Cl, 8Cl. 7-(Ethoxycarbonylmethoxy)flavone. Ethyl flavonoxyacetate. Recordil. Oxyflavil. Rec 1-0185. Angorlisin. Coril. Corosanin. Many other names



CAS Registry Number: 119-41-5

Type of Compound Code(s): XA1020 XA7000

Molecular Formula: C₁₉H₁₆O₅

Molecular Weight: 324.332

Accurate Mass: 324.099775

Percentage Composition: C 70.36%; H 4.97%; O 24.67%

Use/Importance: Coronary vasodilator, antianginal agent

Melting Point: Mp 122-124°

Calculated Log P Data: Log P 3.05 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Klosa, J., *J. Prakt. Chem.*, 1963, **19**, 123, (*synth*)

Polaczek, L. *et al.*, *Chem. Anal. (Warsaw)*, 1964, **9**, 275, (*anal*)

Morin, H. *et al.*, *Therapie*, 1964, **19**, 1555, (*pharmacol, tox*)

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1019

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., Akademie-Verlag, 1994, 6863

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