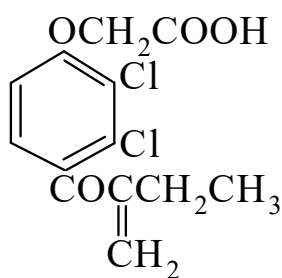




>>Entry Name: Etacrynic acid, INN, JAN

Synonym(s): [2,3-Dichloro-4-(2-methylene-1-oxobutyl)phenoxy]acetic acid, 9Cl. [2,3-Dichloro-4-(2-methylenebutyryl)phenoxy]acetic acid, 8Cl. **Ethacrynic acid**, BAN, USAN. Acetacrin. Edecrin. Hydromedin. NSC 85791. Many other names



CAS Registry Number: 58-54-8

Molecular Formula: C₁₃H₁₂Cl₂O₄

Molecular Weight: 303.141

Accurate Mass: 302.011264

Percentage Composition: C 51.51%; H 3.99%; Cl 23.39%; O 21.11%

Biological Use/Importance: Glutathione S-transferase inhibitor. ATP-dependent Cl⁽⁻⁾ pump inhibitor. Pharmacological tool. Potential adjuvant in cancer chemotherapy. Diuretic. Reagent for the hplc anal. of thio drugs

Melting Point: Mp 122°

Calculated Log P Data: Log P 3.36 (calc)

Other Data: Also used as Na salt

Hazard & Toxicity: LD₅₀ (mus, orl) 627 mg/kg

Sigma: E4754

References:

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