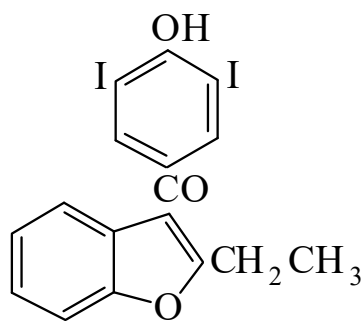




>>Entry Name: **Benziodarone**, BAN, INN, JAN

Synonym(s): (2-Ethyl-3-benzofuranyl)(4-hydroxy-3,5-diiodophenyl)methanone, 9CI. 2-Ethyl-3-(4-hydroxy-3,5-diiodobenzoyl)benzofuran. Ethofuridione. Many other names



CAS Registry Number: 68-90-6

Molecular Formula: C₁₇H₁₂I₂O₃

Molecular Weight: 518.089

Accurate Mass: 517.887591

Percentage Composition: C 39.41%; H 2.33%; I 48.99%; O 9.26%

Use/Importance: Coronary vasodilator

Physical Description: Yellowish powder

Melting Point: Mp 167°

Solubility: Spar. sol. H₂O

Calculated Log P Data: Log P 6.33 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 450 mg/kg

References:

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Duchene-Marullaz, P. *et al.*, *Therapie*, 1969, **24**, 617, (*pharmacol*)

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Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., *Akademie-Verlag*, 1987, 4235, (*synonyms*)

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