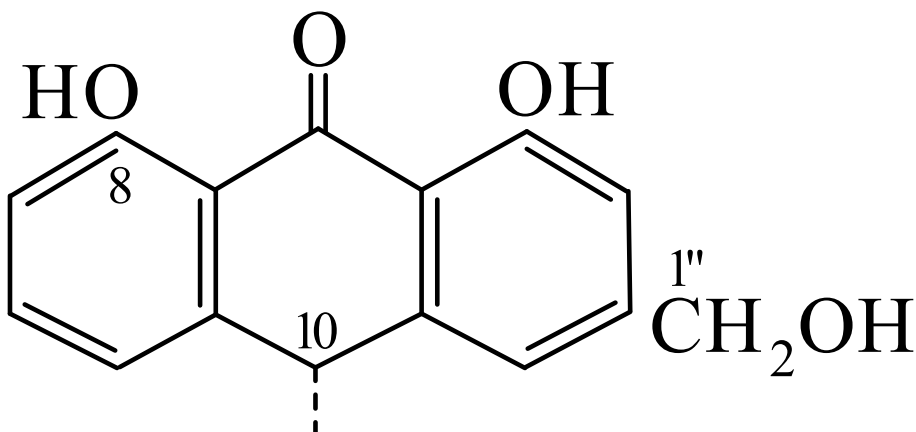




>>Entry Name: Aloin, BAN

ENTRY UNDER REVIEW

Synonym(s): 10-β-D-Glucopyranosyl-1,8-dihydroxy-3-(hydroxymethyl)-9(10*H*)-anthracenone, 9Cl. Barbaloin. Socaloin. Ugandaloin. Jafaloin. Cafaloin



(10*R*)-form

CAS Registry Number: 8015-61-0

Related CAS Registry Numbers(s): 5133-19-7 73889-54-0 138373-24-7

Molecular Formula: C₂₁H₂₂O₉

Molecular Weight: 418.399

Accurate Mass: 418.126385

Percentage Composition: C 60.28%; H 5.30%; O 34.42%

Aloin B. Aloin A can also be obt. by cryst. from MeOH

Biological Source: Constit. of various *Aloe* spp.

Use/Importance: Purgative, laxative

Solubility: BERDY SOL: Sol. H₂O

Calculated Log P Data: Log P -1.88 (calc)

Hazard & Toxicity: BERDY HAZD : LD₅₀ (mus, ivn) 200 mg/kg

>>Variant: (10*R*)-form

Synonym(s): Aloin B. Isobarbaloin. β-Barbaloin

CAS Registry Number: 28371-16-6

Molecular Formula: C₂₁H₂₂O₉

Molecular Weight: 418.399

Accurate Mass: 418.126385

Percentage Composition: C 60.28%; H 5.30%; O 34.42%

Melting Point: Mp 138-140° (block)