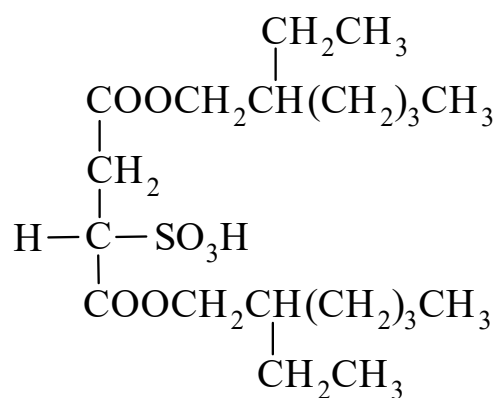




>>Entry Name: 1,4-Bis(2-ethylhexyl) sulfosuccinate, 8CI

Synonym(s): 1,4-Bis(2-ethylhexyl) sulfobutanedioate, 9CI



CAS Registry Number: 10041-19-7

Related CAS Registry Numbers(s): 128-49-4 7491-09-0

Molecular Formula: C₂₀H₃₈O₇S

Molecular Weight: 422.582

Accurate Mass: 422.233825

Percentage Composition: C 56.85%; H 9.06%; O 26.50%; S 7.59%

Use/Importance: Salts used as wetting agents and cathartics

Calculated Log P Data: Log P 6.12 (uncertain value) (calc)

>>Derivative: Na salt

Synonym(s): **Docusate sodium**, BAN, INN. Dioctyl sodium sulfosuccinate. Dulcodos. Dyocтол. Klyx. Milkinol. Molcer. Normax. Soliwax. Waxsol. Willoderm. Humifen WT 27G. Lankropol KO 2. Pelex OT. Warcowet 060. Wetaid SR. Vatsol OT. Complemix. Nonit. Solovet. Alcopol O. Karawet DOSS. Gemtex SC. Many other names

CAS Registry Number: 577-11-7

Use/Importance: Nonlaxative faecal softener, also used as Ca and K salts (*Docusate calcium, USAN*, *Docusate potassium, USAN*). Anionic surfactant, used in pharmaceutical formulations as a wetting/dispersing/emulsifying agent

Physical Description: Waxy solid

Solubility: Sol. H₂O, org. solvs.

Other Data: Doubtless a mixt. of diastereoisomers

Hazard & Toxicity: Skin and severe eye irritant. LD₅₀ (rat, orl) 1900 mg/kg

Aldrich: D20117-0

Fluka: 86140

Sigma: T9884

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