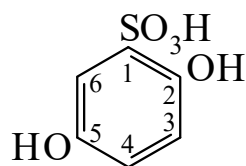




>>Entry Name: 2,5-Dihydroxybenzenesulfonic acid, 9Cl

Synonym(s): Hydroquinonesulfonic acid. Dobesilic acid



CAS Registry Number: 88-46-0

Related CAS Registry Numbers(s): 10021-55-3 21799-87-1

Molecular Formula: C₆H₆O₅S

Molecular Weight: 190.176

Accurate Mass: 189.993595

Percentage Composition: C 37.89%; H 3.18%; O 42.06%; S 16.86%

>>Derivative: Na salt

CAS Registry Number: 10021-55-3

Physical Description: Cryst. (EtOH)

>>Derivative: K salt

CAS Registry Number: 21799-87-1

Physical Description: Cryst. (H₂O)

Melting Point: Mp 251 dec.°

Aldrich: H1840-2

Fluka: 54055

Sigma: H7273

>>Derivative: Ca salt (2:1)

Synonym(s): Calcium dobesilate, INN, USAN. Caricap. Doxytrex. Mesopor. Stifarol. Many other names

CAS Registry Number: 20123-80-2

Use/Importance: Haemostatic, vasotropic agent

Physical Description: Cryst. (H₂O)

Melting Point: Mp 300 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 9400 mg/kg

>>Derivative: NH₄ salt

Physical Description: Light grey cryst. (H₂O)

Melting Point: Mp 200-205°

>>Derivative: Diethylamine salt (1:1)

Synonym(s): Ethamsylate, BAN, USAN. Etamsylate, INN, JAN. Cyclonamine. Dicynene. Impedil. MD141. Many other names

CAS Registry Number: 2624-44-4

Use/Importance: Antiinflammatory activity. Has been used to treat menstrual disorders. Haemostatic agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 125°

Hazard & Toxicity: LD₅₀ (rat, orl) 7500 mg/kg

>>Derivative: 5-(4-Methylbenzenesulfonate)

Synonym(s): Sultosilic acid, INN

CAS Registry Number: 57775-26-5

Molecular Formula: C₁₃H₁₂O₇S₂

Molecular Weight: 344.366

Accurate Mass: 344.002445

Percentage Composition: C 45.34%; H 3.51%; O 32.52%; S 18.62%

Use/Importance: Antilipidaemic agent

Calculated Log P Data: Log P 1.25 (calc)