

Product Data Sheet

Product Name: Bromosulfalein

Cat. No.: GC42982

Chemical Properties

Cas. No. 71-67-0

SMILES O=C1OC(C2=CC(S([O-])=O)=O)=C(O)C=C2)(C3=CC(S([O-])=O)=O)=C(O)C=C3)C4=C(Br)C(Br)=C(Br)C(Br)=C41.[Na+].[Na+]

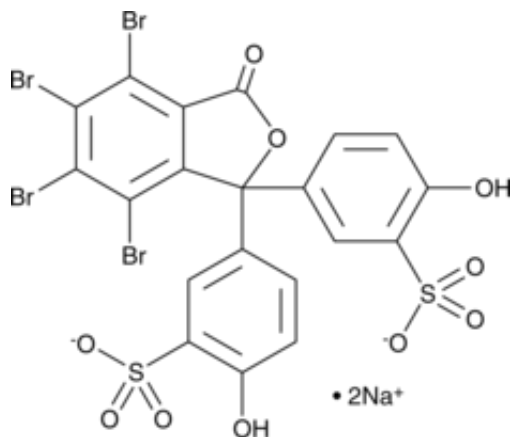
Formula $C_{20}H_8Br_4O_{10}S_2 \cdot 2Na$ M.Wt 838

Solubility DMF: 5 mg/ml, DMSO: 5 mg/ml, Ethanol: slightly soluble, PBS (pH 7.2): 1 mg/ml
Storage Store at RT

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Bromosulfalein has been commonly used as both a substrate and inhibitor of organic anionic transporting polypeptide 1B1 (OATP1B1), OATP1B3, OATP1A2, and OATP2B1, as well as multidrug resistance protein 2 (MDR2). It has also been used for in vivo studies of liver and biliary system function and as an anionic dye for the quantitative estimation of protein levels in tissue homogenates or purified samples.

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