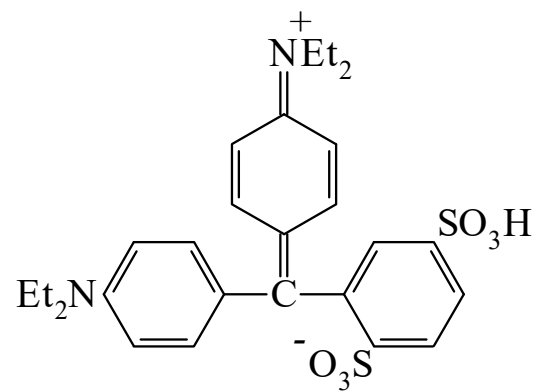




>>Entry Name: Isosulfan Blue, USAN

Synonym(s): *N*-[4-[[4-(Diethylamino)phenyl](2,5-disulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-*N*-ethylethanaminium. Sulphan blue, BAN. Lymphazurin. P 1888. P 4125



CAS Registry Number: 68238-36-8

Related CAS Registry Numbers(s): 129-17-9

Molecular Formula: C₂₇H₃₂N₂O₆S₂

Molecular Weight: 544.692

Accurate Mass: 544.170178

Percentage Composition: C 59.54%; H 5.92%; N 5.14%; O 17.62%; S 11.77%

Use/Importance: Diagnostic aid (lymphangiography). Dye

Other Data: CAS no. refers to Na salt. Sulphan Blue formerly used to descr. 2,4-disulfonate isomer

Sigma: P1888

References:

Engeset, A. *et al.*, *Lancet*, 1962, **1**, 1382, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 779