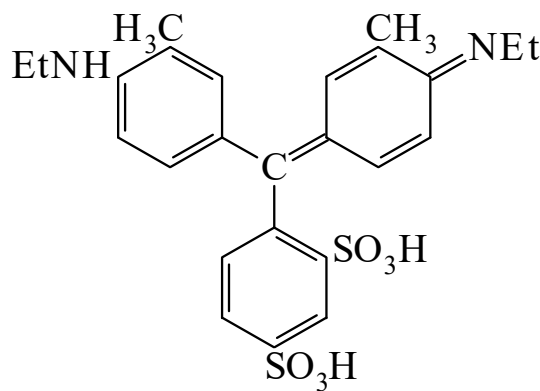




>>Entry Name: Xylene cyanole FF

Synonym(s): 4-[[4-(Ethylamino)-3-methylphenyl][4-(ethylimino)-3-methyl-2,5-cyclohexadien-1-ylidene]methyl]-1,3-benzenedisulfonic acid, 9Cl. C.I. Acid blue 147. C.I. 42135. Acidine pure blue C extra. Cyanol extra. Disulfone blue FFN 200. Erioglaucine FFX. Kiton pure blue FF. Mercantine blue FF



Molecular Formula: C₂₅H₂₈N₂O₆S₂

Molecular Weight: 516.638

Accurate Mass: 516.138878

Percentage Composition: C 58.12%; H 5.46%; N 5.42%; O 18.58%; S 12.41%

>>Derivative: Na salt

CAS Registry Number: 2650-17-1

Use/Importance: Used as a 0.1% aq. soln. as redox indicator

Physical Description: Cryst.

Solubility: Sol. H₂O

Aldrich: 33594-0

References:

Brazier, J.N. *et al.*, *Anal. Chim. Acta*, 1965, **33**, 635, (*use*)

Colour Index, 3rd Edn., 1971, **4**, 4386

Bishop, E., *Indicators*, Pergamon, Oxford, 1972, (*use*)