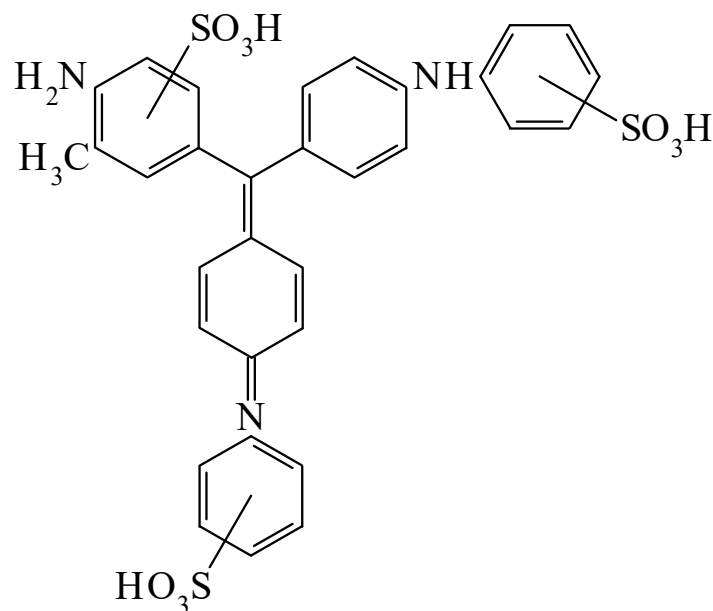




>>Entry Name: Poirrier blue C4B

Synonym(s): Aminomethyl[[4-[(sulfophenyl)amino]phenyl][4-[(sulfophenyl)imino]-2,5-cyclohexadien-1-ylidene]methyl]benzenesulfonic acid, 9CI. C.I. Acid blue 22. C.I. Water blue. Aniline blue water soluble. C.I. 42755



Molecular Formula: C₃₂H₂₅N₃O₉S₃

Molecular Weight: 691.762

Accurate Mass: 691.075292

Percentage Composition: C 55.56%; H 3.64%; N 6.07%; O 20.82%; S 13.91%

>>Derivative: Di-Na salt

CAS Registry Number: 28631-66-5

Use/Importance: Used as acid-base indicator (pH range: 11.0-13.0; colour change: bluer reddish violet)

Solubility: Sol. H₂O; sl. sol. EtOH

Rare Chemicals Library: S57275-6

Sigma: A6157

References:

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