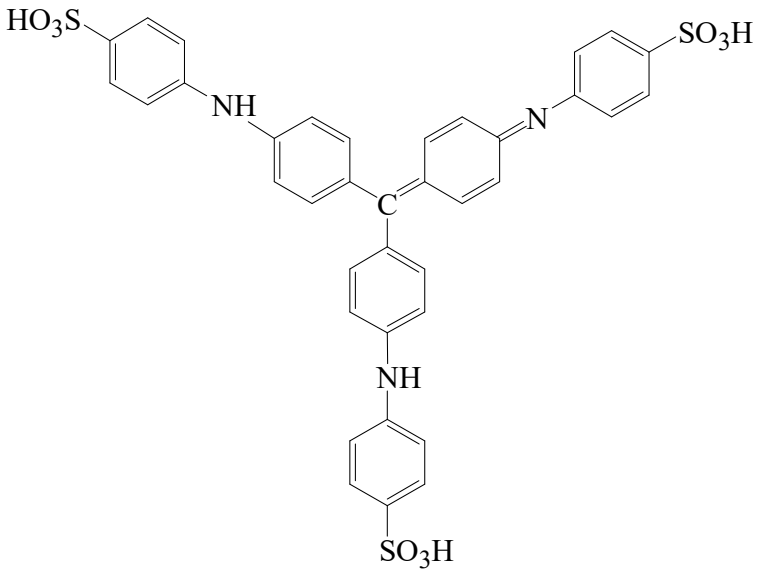
>>**Entry Name: Methyl blue**

Synonym(s): [[4-[Bis[4-[(sulfophenyl)amino]phenyl]methylene]-2,5-cyclohexadien-1-ylidene]amino]benzenesulfonic acid, $_{9Cl}$. C.I. Acid Blue 93. C.I. 42780



CAS Registry Number: 30424-60-3
Extra CAS Registry Numbers(s): 28983-56-4

Molecular Formula: $C_{37}H_{29}N_3O_9S_3$
Molecular Weight: 755.849
Accurate Mass: 755.106592
Percentage Composition: C 58.80%; H 3.87%; N 5.56%; O 19.05%; S 12.73%

Use/Importance: Blue pigment for inks, textile dye, plasma stain
Physical Description: Dark blue powder (as di-Na salt)
Solubility: V. sol. H_2O (di-Na salt)

References:

Colour Index, 3rd edn., 1971, **4**, 4403, *(synth, bibl)*
U.S.S.R. Pat., 1987, 425 490; *CA*, **107**, 135893s, *(synth)*