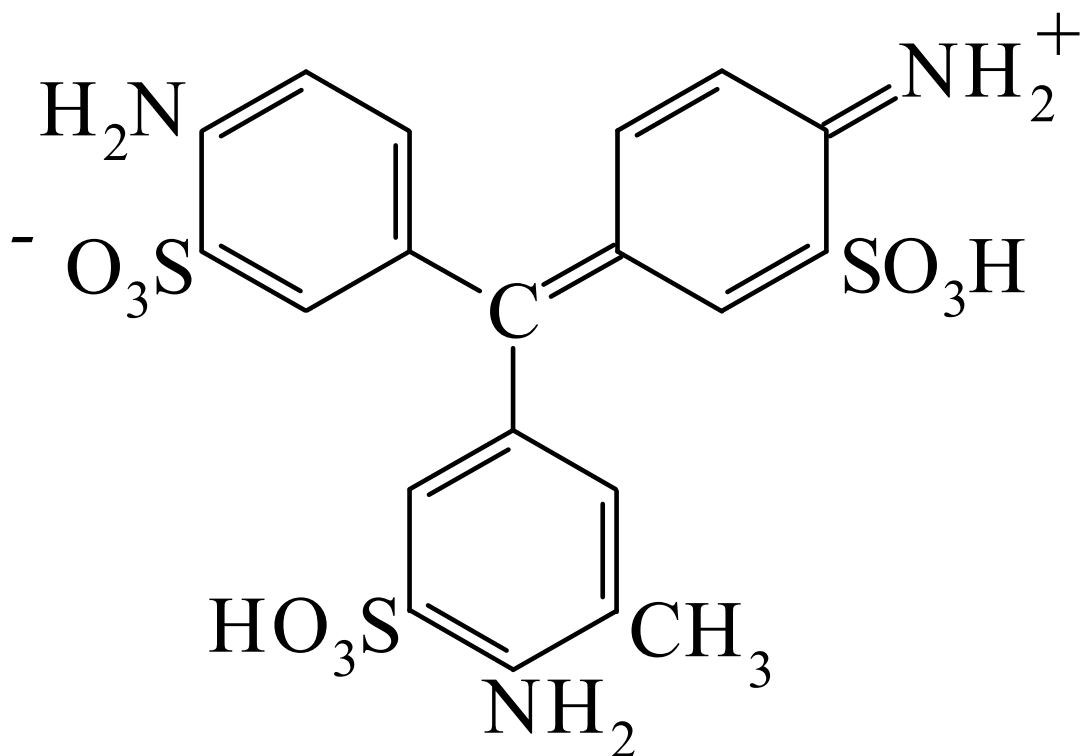




>>Entry Name: Acid fuchsin

ENTRY UNDER REVIEW

Synonym(s): 2-Amino-5-[(4-amino-3-sulfophenyl)(4-imino-3-sulfo-2,5-cyclohexadien-1-ylidene)methyl]-3-methylbenzenesulfonic acid. Acid magenta. Acid rubin. C.I. Acid violet 19. C.I. 42685. Acid roseine. Acid fuchsine



Molecular Formula: C₂₀H₁₉N₃O₉S₃

Molecular Weight: 541.583

Accurate Mass: 541.028342

Percentage Composition: C 44.36%; H 3.54%; N 7.76%; O 26.59%; S 17.76%

>>Derivative: Di-Na salt

CAS Registry Number: 3244-88-0

Use/Importance: Biological stain, indicator (pH range 12-14; colour change red → colourless)

Physical Description: Olive to dark olive green powder

Solubility: Sol. H₂O; sl. sol. EtOH

Aldrich: 33270-4

Fluka: 84600

Sigma: F8129