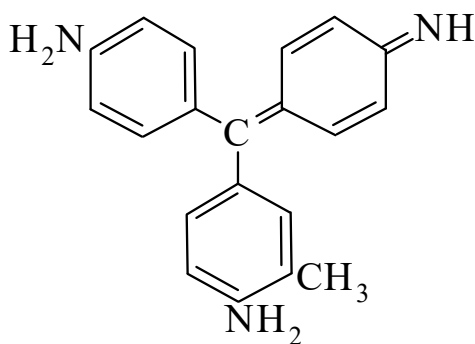




>>Entry Name: Rosaniline

Synonym(s): 4-[(4-Aminophenyl)(4-imino-2,5-cyclohexadien-1-ylidene)methyl]-2-methylbenzenamine, 9Cl. C.I. Basic Violet 14. Basic magenta. C.I. 42510. Fuchsine base



CAS Registry Number: 3248-93-9

Molecular Formula: C₂₀H₁₉N₃

Molecular Weight: 301.39

Accurate Mass: 301.157897

Percentage Composition: C 79.70%; H 6.35%; N 13.94%

Use/Importance: Used as a dye or in the manuf. of dyestuffs. Possesses antifungal and antibacterial props.

Physical Description: Brown-red cryst.

Other Data: Dec. at 186°

Hazard & Toxicity: Human skin irritant

>>Derivative: Hydrochloride

Synonym(s): Fuchsine. Magenta I

CAS Registry Number: 632-99-5

Use/Importance: Used as aq. soln. for extraction-photometric detn. of Br⁽⁻⁾, Re(VII) and Au (λ_{max} 555 nm, ϵ 88000). Biol. stain. Commercially available. A decolorised soln. is used in the Schiff colorimetric test for aldehydes

Physical Description: Metallic green cryst.

Melting Point: Mp 250 dec.°

Other Data: Dec. >200°

Hazard & Toxicity: Possible human carcinogen (containing Tris(4-aminophenyl)methanol [BJB78-B](#))

Aldrich: 86202-9

Fluka: 47860

Sigma: R5126

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