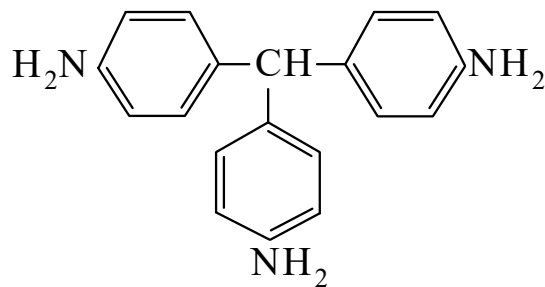




>>Entry Name: 4,4',4''-Triaminotriphenylmethane

Synonym(s): Tris(4-aminophenyl)methane. Paraleucaniline. Leucoparafuchsine. Paraleucoaniline



CAS Registry Number: 548-61-8

Related CAS Registry Numbers(s): 143330-02-3

Molecular Formula: C₁₉H₁₉N₃

Molecular Weight: 289.379

Accurate Mass: 289.157897

Percentage Composition: C 78.86%; H 6.62%; N 14.52%

Physical Description: Pale rose plates (H₂O, EtOH or C₆H₆)

Melting Point: Mp 208° (201°)

Hazard & Toxicity: Eye irritant. LD₅₀ (rat, orl) 2640 mg/kg

>>Derivative: 4,4',4''-Tri-*N*-Ac

Molecular Formula: C₂₅H₂₅N₃O₃

Molecular Weight: 415.491

Accurate Mass: 415.189592

Percentage Composition: C 72.27%; H 6.06%; N 10.11%; O 11.55%

Physical Description: Red cryst. (EtOH)

Melting Point: Mp 201°

>>Derivative: *N*-Hexa-Me

Synonym(s): Tris(4-dimethylaminophenyl)methane

CAS Registry Number: 603-48-5

Molecular Formula: C₂₅H₃₁N₃

Molecular Weight: 373.54

Accurate Mass: 373.251797

Percentage Composition: C 80.39%; H 8.36%; N 11.25%

Physical Description: Solid

Aldrich: 21921-5

Sigma: L5760

>>Derivative: *N*-Nona-Me

CAS Registry Number: 31970-86-2

Molecular Formula: C₂₈H₄₀N₃³⁽⁺⁾

Molecular Weight: 418.644

Accurate Mass: 418.322222

Percentage Composition: C 80.33%; H 9.63%; N 10.04%

Physical Description: Cryst. (Me₂CO aq.) (as triiodide)

Melting Point: Mp 260 dec.° (triiodide)

References:

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