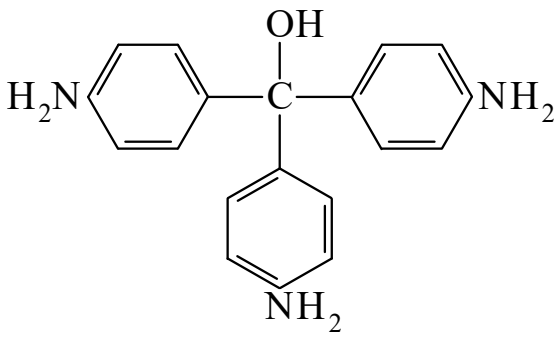
>>**Entry Name: Tris(4-aminophenyl)methanol**

Synonym(s): 4-Amino-α,α-bis(4-aminophenyl)benzenemethanol, 9CI. 4,4',4"-Triaminotriphenylcarbinol. Pararosaniline base. C.I. 42500. C.I. Basic red 9. Magenta 0. Basic parafuchsin



CAS Registry Number: 467-62-9
Related CAS Registry Numbers(s): 25620-78-4

Molecular Formula: $C_{19}H_{19}N_3O$
Molecular Weight: 305.379
Accurate Mass: 305.152812
Percentage Composition: C 74.73%; H 6.27%; N 13.76%; O 5.24%
Use/Importance: Used as 0.16% soln. in dil. HCl for photometric detn. of $SO_3^{2(-)}$ (λ_{max} 560 nm, ε 30000), O_3, $SCN^{(-)}$ (dec. to S(*IV*))
Physical Description: Purple cryst.
Melting Point: Mp *ca.* 205°
pKa Value: pK_{a1} 7.57; pK_{a2} 13

Aldrich: 21560-0
Fluka: 76248
Rare Chemicals Library: S26544-6

>>**Derivative:** 4,4'-Methylenebis(3-hydroxy-2-naphthoate) salt (2:1)
Synonym(s): Pararosaniline pamoate, USAN**.** Pararosaniline embonate, INN. C.I. 403A. CN 15575-23A. NSC 107529. PS 1286

CAS Registry Number: 7232-51-1

Use/Importance: Antischistosomal
Physical Description: Solid + $3H_2O$
Development Status: Never marketed

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

Molecular Formula: $C_{25}H_{25}N_3O_4$
Molecular Weight: 431.49
Accurate Mass: 431.184507
Percentage Composition: C 69.59%; H 5.84%; N 9.74%; O 14.83%
Physical Description: Cryst. (Me_2CO/Et_2O)
Melting Point: Mp 192°

>>**Derivative:** Me ether

Molecular Formula: $C_{20}H_{21}N_3O$
Molecular Weight: 319.405
Accurate Mass: 319.168462
Percentage Composition: C 75.21%; H 6.63%; N 13.16%; O 5.01%
Physical Description: Cryst. + $1Et_2O$ (Et_2O), cryst. + $1C_6H_6$ (C_6H_6)
Melting Point: Mp 105° (Et_2O). Mp 135° (C_6H_6)

References: