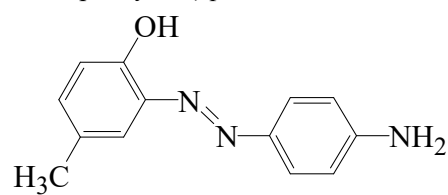




>>Entry Name: 4'-Amino-2-hydroxy-5-methylazobenzene

Synonym(s): 2-[4-Aminophenylazo]-4-methylphenol, 9CI. 2-(*p*-Aminophenylazo)-*p*-cresol



CAS Registry Number: 25717-11-7

Molecular Formula: C₁₃H₁₃N₃O

Molecular Weight: 227.265

Accurate Mass: 227.105862

Percentage Composition: C 68.71%; H 5.77%; N 18.49%; O 7.04%

General Statement: Tautomeric with oxo-hydrazone form

>>Derivative: *N*-Ac

Synonym(s): *N*-[4-[(2-Hydroxy-5-methylphenyl)azo]phenyl]acetamide, 9CI

CAS Registry Number: 2832-40-8

Molecular Formula: C₁₅H₁₅N₃O₂

Molecular Weight: 269.302

Accurate Mass: 269.116427

Percentage Composition: C 66.90%; H 5.61%; N 15.60%; O 11.88%

Use/Importance: Disperse dye for fibre printing

Other Data: Polymorphic

Aldrich: 21568-6

Sigma: D1892

References:

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Colour Index, 3rd Edn, 1971, **4**, 4027, (*rev*)

Komach, L.D. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1990, **63**, 1625; *J. Appl. Chem. USSR (Engl. Transl.)*, 1990, **63**, 1502, (*ir*)