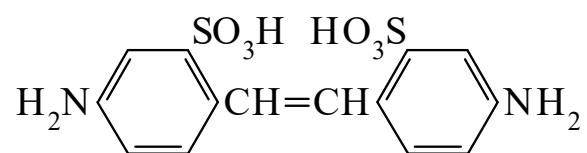




>>Entry Name: 4,4'-Diaminostilbene-2,2'-disulfonic acid, 8Cl

Synonym(s): 2,2'-(1,2-Ethenediyl)bis[5-aminobenzenesulfonic acid], 9Cl. Amsonic acid



CAS Registry Number: 81-11-8

Related CAS Registry Numbers(s): 28096-93-7 38151-69-8 38151-70-1 98367-20-5

Molecular Formula: C₁₄H₁₄N₂O₆S₂

Molecular Weight: 370.406

Accurate Mass: 370.029328

Percentage Composition: C 45.40%; H 3.81%; N 7.56%; O 25.92%; S 17.31%

Use/Importance: Anal. reagent for pyridine derivs.

Physical Description: Fine yellow needles

Melting Point: Mp 300°

Aldrich: 46226-8

Rare Chemicals Library: S37328-1

>>Derivative: Di-Na salt

CAS Registry Number: 7336-20-1

Use/Importance: Fluorescent whitening agent

References:

Huang-Minlon, *J.A.C.S.*, 1948, **70**, 2802, (*synth*)

Cassasas, E. *et al.*, *CA*, 1972, **76**, 94336h, (*use*)

Rauret, G. *et al.*, *An. Quim., Ser. B*, 1988, **84**, 325; *CA*, **111**, 89544m, (*use*)