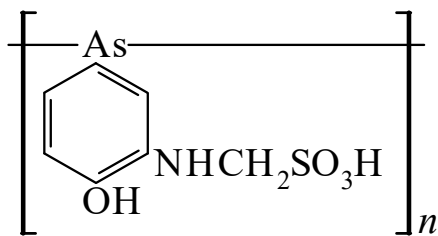




>>Entry Name: Sulfarsphenamine, INN

Synonym(s): 3,3'-Diamino-4,4'-dihydroxyarsenobenzene-*N,N'*-dimethylenesulfonic acid. [1,2-Diarsenediylbis[(6-hydroxy-3,1-phenylene)imino]]bis[methanesulfonic acid]. Myarsenol. Many other names



Molecular Formula: C₇H₈AsNO₄S

Molecular Weight: 277.132

Accurate Mass: 276.938998

Percentage Composition: C 30.34%; H 2.91%; As 27.03%; N 5.05%; O 23.09%; S 11.57%

>>Derivative: Na salt

CAS Registry Number: 618-82-6

Molecular Formula: C₁₄H₁₄As₂N₂Na₂O₈S₂

Molecular Weight: 598.228

Percentage Composition: C 28.11%; H 2.36%; As 25.05%; N 4.68%; Na 7.69%; O 21.40%; S 10.72%

Use/Importance: Antisymphilitic agent

Physical Description: Dark yellow solid

Solubility: V. sol. H₂O; sl. sol. EtOH

References:

Goddard, A.E., *Textbook of Inorg. Chem.*, Vol. XI, *Organometallic Compds.*, pt. II, Charles Griffin and Co., London, 1930, 390

Dyke, W.J.C. *et al.*, *J.C.S.*, 1935, 1745

Merck Index, 11th edn., 1989, No. 8916

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 3973, (synonyms)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, SNR000