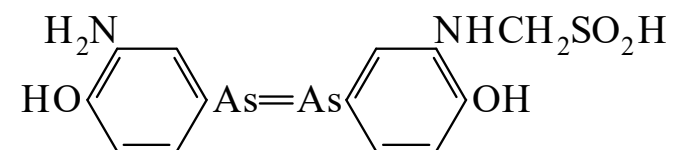




>>Entry Name: Neoarsphenamine, INN

Synonym(s): 3,3'-Diamino-4,4'-dihydroxyarsenobenzene-*N*-formaldehydesulfinic acid. Neosalvarsan. Collunovar. NAB. Miarsenol. Novarsenol. Neoarsaminol. Novarsenobenzene. Many other names



Molecular Formula: C₁₃H₁₄As₂N₂O₄S

Molecular Weight: 444.174

Accurate Mass: 443.910616

Percentage Composition: C 35.15%; H 3.18%; As 33.74%; N 6.31%; O 14.41%; S 7.22%

Use/Importance: Veterinary antiinfective, antisyphilitic

Other Data: Used as Na salt

>>Derivative: Na salt

CAS Registry Number: 457-60-3

Physical Description: Yellow powder

Hazard & Toxicity: LD₅₀ (mus, ivn) 370 mg/kg

References:

Krumwiede, H.A., *J. Am. Pharm. Assoc.*, 1919, **8**, 795, (synth, pharmacol)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 1392

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., Akademie-Verlag, 1994, 3398, (synonyms)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, NCJ500