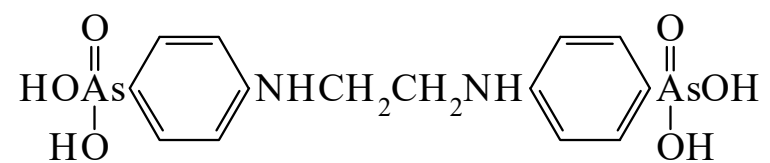




>>Entry Name: [1,2-Ethanediyibis(imino-4,1-phenylene)]bisarsonic acid, 9Cl

Synonym(s): *N,N'*-Ethylenediarsonilic acid, 8Cl. **Difetarstone**, BAN, INN. Amebarsin. Bemarsal. Rodamab. RP 4763



CAS Registry Number: 3639-19-8

Molecular Formula: C₁₄H₁₈As₂N₂O₆

Molecular Weight: 460.149

Accurate Mass: 459.959676

Percentage Composition: C 36.54%; H 3.94%; As 32.56%; N 6.09%; O 20.86%

Source/Synthesis: Synth. from 1,2-dibromoethane and *p*-arsanilic acid

Use/Importance: Antiamoebic agent

Physical Description: Cryst. + 10H₂O

Melting Point: Mp 250°

Solubility: Insol. EtOH, Me₂CO, CHCl₃

Calculated Log P Data: Log P -1.05 (calc)

>>Derivative: Di-Na salt

CAS Registry Number: 515-76-4

Solubility: Sol. H₂O

Other Data: No definite Mp

>>Derivative: Spiramycin salt

Use/Importance: Antiamoebic agent

Optical Rotation: [α]_D²⁰ -56

References:

Hamilton, C.S., *J.A.C.S.*, 1923, **45**, 2751, (*synth*)

U.K. Pat., 1958, *Rhône-Poulenc*, 796 486; *CA*, **53**, 11261, (*deriv*)

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