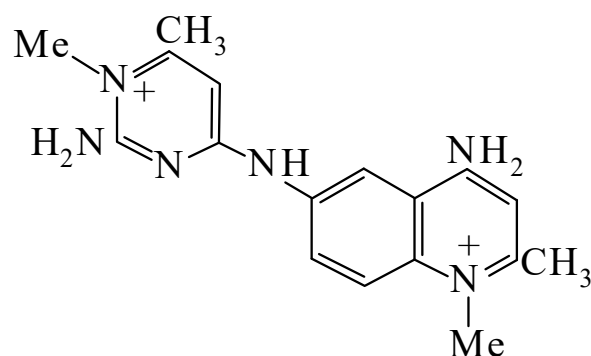




>>Entry Name: 4-Amino-6-[(2-amino-1,6-dimethylpyrimidin-4-yl)amino]-1,2-dimethylquinolinium(2+), 9Cl

Synonym(s): 4-Amino-6-[(2-amino-1,6-dimethylpyrimidin-4-yl)amino]-1-methylquinaldinium, 8Cl



CAS Registry Number: 20493-41-8

Related CAS Registry Numbers(s): 12650-36-1

Molecular Formula: $C_{17}H_{22}N_6^{2(+)}$

Molecular Weight: 310.401

Accurate Mass: 310.190594

Percentage Composition: C 65.78%; H 7.14%; N 27.07%

>>Derivative: Dibromide

Molecular Formula: $C_{17}H_{22}Br_2N_6$

Molecular Weight: 470.209

Accurate Mass: 468.067266

Percentage Composition: C 43.42%; H 4.72%; Br 33.99%; N 17.87%

Physical Description: Cryst.

Melting Point: Mp 316°

>>Derivative: Dichloride

Synonym(s): Pyraldin

CAS Registry Number: 23609-65-6

Molecular Formula: $C_{17}H_{22}Cl_2N_6$

Molecular Weight: 381.306

Accurate Mass: 380.128298

Percentage Composition: C 53.55%; H 5.82%; Cl 18.60%; N 22.04%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 316-317 dec.°

>>Derivative: Diiodide

Molecular Formula: $C_{17}H_{22}I_2N_6$

Molecular Weight: 564.21

Accurate Mass: 563.99954

Percentage Composition: C 36.19%; H 3.93%; I 44.98%; N 14.90%

Physical Description: Pale-cream cryst. (EtOH aq.)

Melting Point: Mp 312-313°

>>Derivative: Bis(methyl sulfate)

Synonym(s): Quinapyramine. Antrycide. Chinapyramin. Tribexin. Trypacide 'S'. M7555

CAS Registry Number: 3270-78-8

Molecular Formula: $C_{19}H_{28}N_6O_8S_2$

Molecular Weight: 532.598

Accurate Mass: 532.141004

Percentage Composition: C 42.85%; H 5.30%; N 15.78%; O 24.03%; S 12.04%

Use/Importance: Antitrypanosomal agent

Physical Description: Creamy-white cryst. (MeOH aq.)

Melting Point: Mp 265-266°

Solubility: Freely sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, scu) 18 mg/kg

References: