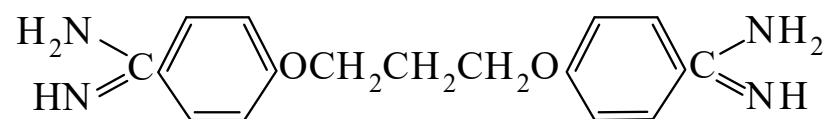




>>Entry Name: Propamidine, BAN, INN

Synonym(s): 4,4'-[1,3-Propanediylbis(oxy)]bisbenzenecarboximidamide, 9Cl. 4,4'-Trismethylenedioxydibenzamidine. M and B 782. Panamidin



CAS Registry Number: 104-32-5

Molecular Formula: C₁₇H₂₀N₄O₂

Molecular Weight: 312.371

Accurate Mass: 312.158626

Percentage Composition: C 65.37%; H 6.45%; N 17.94%; O 10.24%

Use/Importance: Selective binds to DNA containing A-T-rich sequences. Bactericide, fungicide. Active against *Acanthamoeba*

Calculated Log P Data: Log P 1.25 (calc)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 6275-69-0

Physical Description: Cryst. + 1.3 H₂O (2MHCl)

Melting Point: Mp 202-204° (dec.). Mp 144-145° (dec.)

Hazard & Toxicity: LD₅₀ (mus, ipr) 40 mg/kg

>>Derivative: Bisbenzenesulfonyl

Melting Point: Mp 236-237°

>>Derivative: Bis(2-hydroxyethanesulfonate)

Synonym(s): Propamidine isethionate

CAS Registry Number: 140-63-6

Melting Point: Mp 235°

References:

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