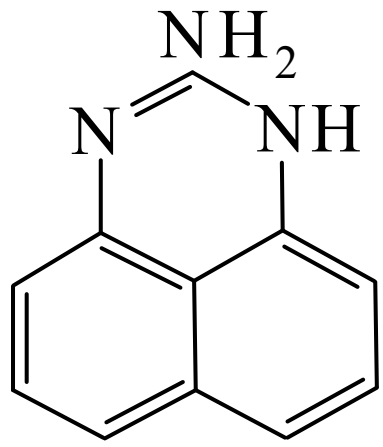
>>**Entry Name: 2-Aminoperimidine**
Synonym(s): 1*H*-Perimidin-2-amine, 9Cl



CAS Registry Number: 28832-64-6

Molecular Formula: $C_{11}H_9N_3$
Molecular Weight: 183.212
Accurate Mass: 183.079647
Percentage Composition: C 72.11%; H 4.95%; N 22.94%
Use/Importance: Used for gravimetric, nephelometric and photometric detn. of $SO_4^{2(-)}$ (λ_{max} 305.5 nm, ε 29000)
Physical Description: Cryst.
Melting Point: Mp 239°
Solubility: Sol. acids; insol. H_2O

>>**Derivative:** Hydrochloride

Physical Description: Greyish cryst. (MeOH)
Melting Point: Mp 282°

>>**Derivative:** Hydrobromide

CAS Registry Number: 40835-96-9
Physical Description: Cryst. (H_2O)
Melting Point: Mp 265°
Solubility: Sol. MeOH
Fluka: 9105

References:

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