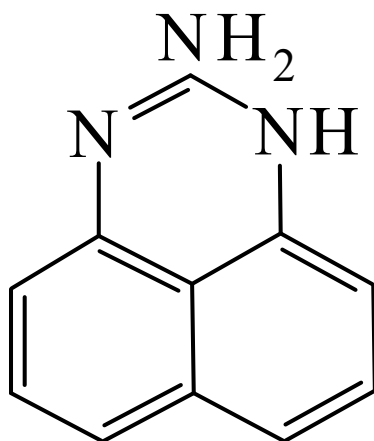




>>Entry Name: 2-Aminoperimidine

Synonym(s): 1*H*-Perimidin-2-amine, 9CI



CAS Registry Number: 28832-64-6

Molecular Formula: C<sub>11</sub>H<sub>9</sub>N<sub>3</sub>

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<sub>4</sub><sup>2(-)</sup> ( $\lambda_{\max}$  305.5 nm,  $\epsilon$  29000)

Physical Description: Cryst.

Melting Point: Mp 239°

Solubility: Sol. acids; insol. H<sub>2</sub>O

>>Derivative: Hydrochloride

Physical Description: Greyish cryst. (MeOH)

Melting Point: Mp 282°

>>Derivative: Hydrobromide

CAS Registry Number: 40835-96-9

Physical Description: Cryst. (H<sub>2</sub>O)

Melting Point: Mp 265°

Solubility: Sol. MeOH

Fluka: 9105

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