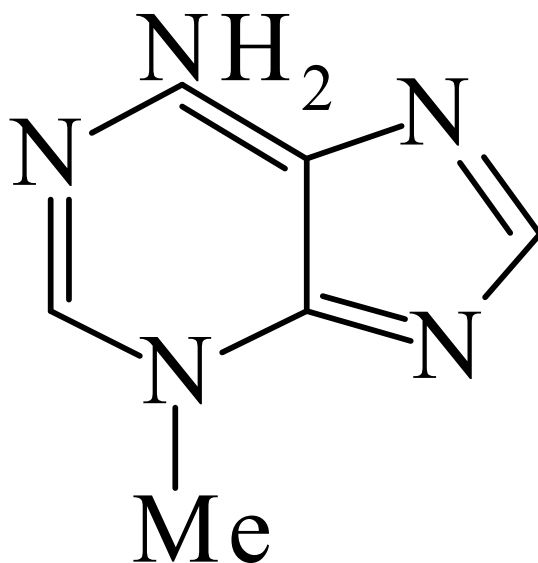




>>Entry Name: **6-Amino-3-methylpurine**

Synonym(s): 3-Methyl-3*H*-purin-6-amine, 9CI. 3-Methyladenine, 8CI



CAS Registry Number: 5142-23-4

Molecular Formula: C₆H₇N₅

Molecular Weight: 149.155

Accurate Mass: 149.070145

Percentage Composition: C 48.32%; H 4.73%; N 46.95%

Biological Source: Metab. from the marine sponge *Topsentia genitrix*

Physical Description: Cryst. (H₂O)

Melting Point: Mp 300° (291-292° dec.)

pKa Value: p*K*_a 6.1

UV: [neutral] λ_{max} 273 (ε 14000) (MeOH) (Derep) [neutral] λ_{max} 273 (ε 14010) (MeOH) (Berdy)

Aldrich: 28087-9

Fluka: 8592

Sigma: M9281