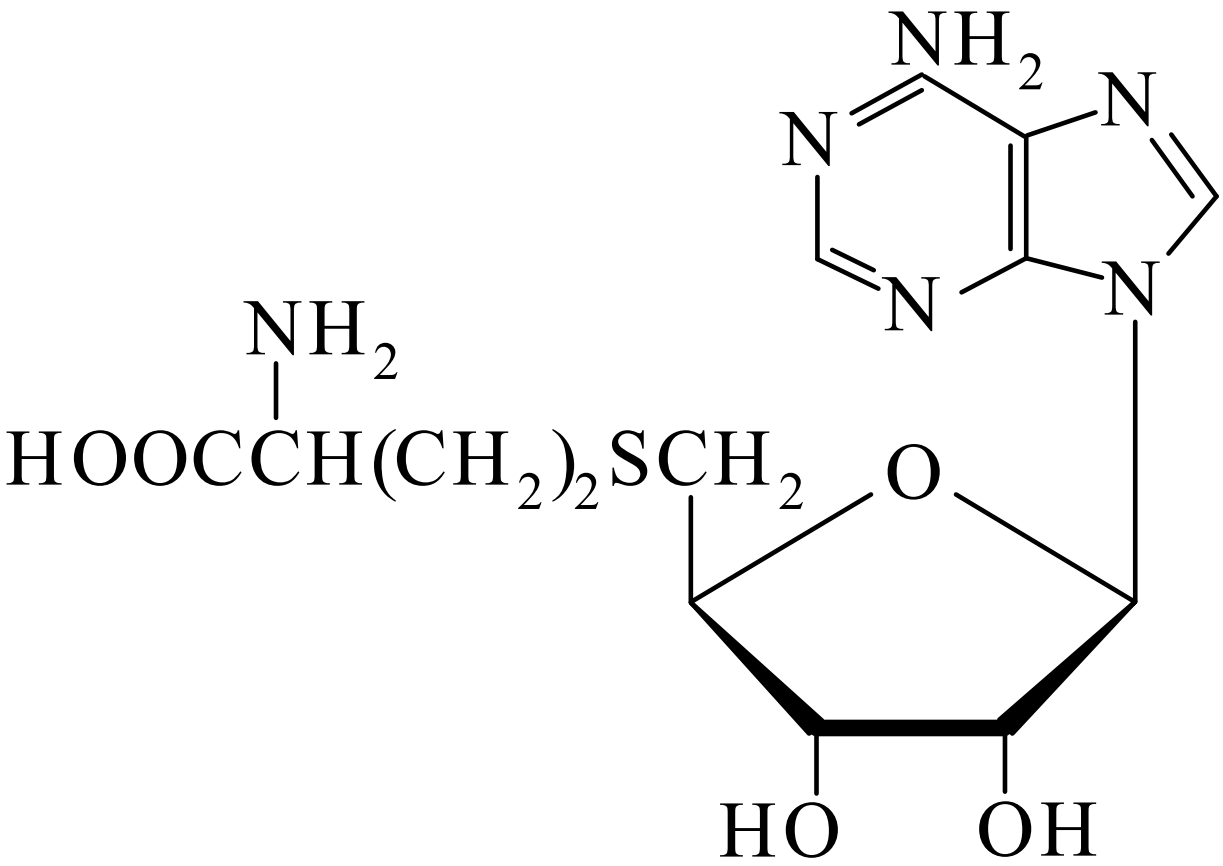
>>**Entry Name: *S*-Adenosylhomocysteine**
Synonym(s): 5'-*S*-(3-Amino-3-carboxypropyl)-5'-thioadenosine, 9CI, 8CI. SAH



CAS Registry Number: 979-92-0

Molecular Formula: $C_{14}H_{20}N_6O_5S$
Molecular Weight: 384.415
Accurate Mass: 384.121589
Percentage Composition: C 43.74%; H 5.24%; N 21.86%; O 20.81%; S 8.34%
Biological Use/Importance: Methyl transferase inhibitor
Melting Point: Mp 210-211 dec.°
Optical Rotation: $[\alpha]_D^{23}$+44.5 (c, 0.1 in 0.05*M* HCl)
UV: [neutral] λ_{max} 260 () (H_2O)

>>**Derivative:** Picrate

Melting Point: Mp 170 dec.°

>>**Derivative:** *S*-Oxide