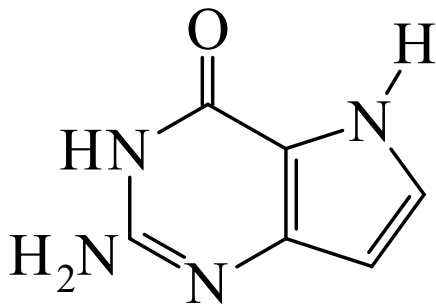




>>Entry Name: 2-Amino-1,5-dihydropyrrolo[3,2-*d*]pyrimidin-4-one, 9CI

Synonym(s): 2-Amino-4-oxo-3*H*,5*H*-pyrrolo[3,2-*d*]pyrimidine. 5-Amino-6,7-dihydro-7-oxo-1,4,6-triazaindene. 9-Deazaguanine



CAS Registry Number: 65996-58-9

Related CAS Registry Numbers(s): 65996-59-0

Molecular Formula: C₆H₆N₄O

Molecular Weight: 150.14

Accurate Mass: 150.054161

Percentage Composition: C 48.00%; H 4.03%; N 37.32%; O 10.66%

Physical Description: Solid (MeOH/EtOAc)

Melting Point: Mp 310-315 dec.°

>>Derivative: Acetate

Physical Description: Fine cryst. (H₂O)

Melting Point: Mp 300°

References:

Imai, K. *et al.*, *Chem. Pharm. Bull.*, 1964, **12**, 1030, (*synth*)

Klein, R.S. *et al.*, *J.O.C.*, 1978, **43**, 2536, (*synth, pmr*)

Taylor, E.C. *et al.*, *J.O.C.*, 1995, **60**, 7947, (*synth, pmr, ms*)