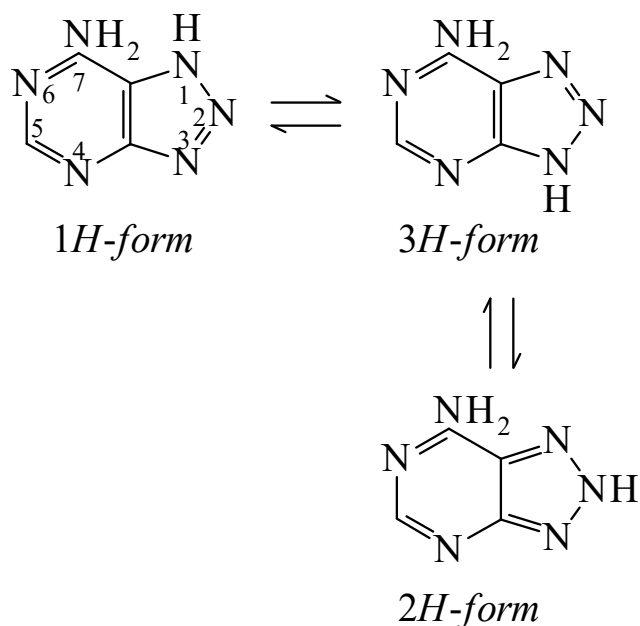




>> **Name:** 7-Amino-1*H*-1,2,3-triazolo[4,5-*d*]pyrimidine
Synonym(s): 1*H*-1,2,3-Triazolo[4,5-*d*]pyrimidin-7-amine, 9Cl. 8-Azaadenine



CAS Registry Number: 1123-54-2

Molecular Formula: C₄H₄N₆
Molecular Weight: 136.116
Accurate Mass: 136.049744
Percentage Composition: C 35.30%; H 2.96%; N 61.74%
Use/Importance: Purine antagonist
Physical Description: Cryst. (H₂O)
Melting Point: Mp 310 dec., 345° dec.°

Aldrich: 85552-9
Fluka: 11370
Sigma: A5883

>> **Variant:** 1*H*-form

Molecular Formula: C₄H₄N₆
Molecular Weight: 136.116
Accurate Mass: 136.049744
Percentage Composition: C 35.30%; H 2.96%; N 61.74%

>> **Derivative:** 1-Me

Molecular Formula: C₅H₆N₆
Molecular Weight: 150.143
Accurate Mass: 150.065394
Percentage Composition: C 40.00%; H 4.03%; N 55.97%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 300°

>> **Variant:** 3*H*-form

Molecular Formula: C₄H₄N₆
Molecular Weight: 136.116
Accurate Mass: 136.049744
Percentage Composition: C 35.30%; H 2.96%; N 61.74%

>> **Derivative:** 3-Me

Molecular Formula: C₅H₆N₆
Molecular Weight: 150.143
Accurate Mass: 150.065394
Percentage Composition: C 40.00%; H 4.03%; N 55.97%
Physical Description: Sl. yellow needles (MeOH)
Melting Point: Mp 314-315°