



>>Entry Name: 6-Aminoindazole
Synonym(s): 1*H*-Indazol-6-amine, 9CI

CAS Registry Number: 6967-12-0

Molecular Formula: C₇H₇N₃
Molecular Weight: 133.152
Accurate Mass: 133.063997
Percentage Composition: C 63.14%; H 5.30%; N 31.56%
Physical Description: Needles (H₂O)
Melting Point: Mp 210°
Solubility: Sol. hot H₂O
pKa Value: pK_a 3.99 (25°)
Other Data: Sublimes. Strong base.
Hazard & Toxicity: LD₅₀ (mus, orl) 2000mg/kg

Aldrich: A5956-5

>>Derivative: Hydrochloride (1:2)

Melting Point: Mp 230 dec.°

>>Derivative: 6-*N*-Ac

CAS Registry Number: 13551-95-6
Molecular Formula: C₉H₉N₃O
Molecular Weight: 175.19
Accurate Mass: 175.074562
Percentage Composition: C 61.70%; H 5.18%; N 23.99%; O 9.13%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 248°
Other Data: Distils undec.

>>Derivative: 6-*N*-(4-Aminobenzenesulfonyl)

CAS Registry Number: 13744-68-8
Molecular Formula: C₁₃H₁₂N₄O₂S
Molecular Weight: 288.329
Accurate Mass: 288.068096
Percentage Composition: C 54.15%; H 4.19%; N 19.43%; O 11.10%; S 11.12%
Melting Point: Mp 193-195°

>>Variant: 1*H*-form

Molecular Formula: C₇H₇N₃
Molecular Weight: 133.152
Accurate Mass: 133.063997
Percentage Composition: C 63.14%; H 5.30%; N 31.56%

>>Derivative: *N*¹-Me
Synonym(s): 6-Amino-1-methyl-1*H*-indazole

CAS Registry Number: 74728-65-7
Molecular Formula: C₈H₉N₃
Molecular Weight: 147.179
Accurate Mass: 147.079647
Percentage Composition: C 65.29%; H 6.16%; N 28.55%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 130°

>>Variant: 2*H*-form

Molecular Formula: C₇H₇N₃
Molecular Weight: 133.152
Accurate Mass: 133.063997
Percentage Composition: C 63.14%; H 5.30%; N 31.56%