



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

CAS Registry Number: 6967-12-0

Molecular Formula: C<sub>7</sub>H<sub>7</sub>N<sub>3</sub>  
Molecular Weight: 133.152  
Accurate Mass: 133.063997  
Percentage Composition: C 63.14%; H 5.30%; N 31.56%  
Physical Description: Needles (H<sub>2</sub>O)  
Melting Point: Mp 210°  
Solubility: Sol. hot H<sub>2</sub>O  
pKa Value: pK<sub>a</sub> 3.99 (25°)  
Other Data: Sublimes. Strong base.  
Hazard & Toxicity: LD<sub>50</sub> (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: C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>O  
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: C<sub>13</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>S  
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: C<sub>7</sub>H<sub>7</sub>N<sub>3</sub>  
Molecular Weight: 133.152  
Accurate Mass: 133.063997  
Percentage Composition: C 63.14%; H 5.30%; N 31.56%

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

CAS Registry Number: 74728-65-7  
Molecular Formula: C<sub>8</sub>H<sub>9</sub>N<sub>3</sub>  
Molecular Weight: 147.179  
Accurate Mass: 147.079647  
Percentage Composition: C 65.29%; H 6.16%; N 28.55%  
Physical Description: Cryst. (H<sub>2</sub>O)  
Melting Point: Mp 130°

>>Variant: 2*H*-form

Molecular Formula: C<sub>7</sub>H<sub>7</sub>N<sub>3</sub>  
Molecular Weight: 133.152  
Accurate Mass: 133.063997  
Percentage Composition: C 63.14%; H 5.30%; N 31.56%