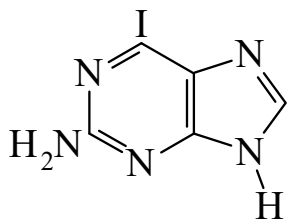




>>Entry Name: **2-Amino-6-iodopurine**

Synonym(s): 6-Iodo-9*H*-purin-2-amine, 9CI



CAS Registry Number: 19690-23-4

Molecular Formula: C₅H₄IN₅

Molecular Weight: 261.025

Accurate Mass: 260.951143

Percentage Composition: C 23.01%; H 1.54%; I 48.62%; N 26.83%

Physical Description: Solid

Melting Point: Mp 240 dec.°

>>Derivative: Tetrabutylammonium salt

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 114-116°

>>Derivative: Benzyltriethylammonium salt

Physical Description: Solid

Melting Point: Mp 156-159° (effervescence)

References:

Koda, R.T. *et al.*, *J. Pharm. Sci.*, 1968, **57**, 2056, (*synth, uv*)

Bisacchi, G.S. *et al.*, *J.O.C.*, 1995, **60**, 2902, (*synth*)