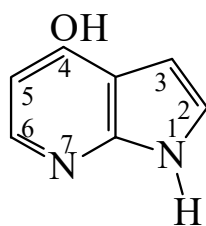




>>Entry Name: **1*H*-Pyrrolo[2,3-*b*]pyridin-4-ol**, 9CI

Synonym(s): 4-Hydroxypyrrolo[2,3-*b*]pyridine. 1,7-Dideazahypoxanthine. 1,7-Dihydro-4*H*-pyrrolo[2,3-*b*]pyridin-4-one



CAS Registry Number: 74420-02-3

Molecular Formula: C<sub>7</sub>H<sub>6</sub>N<sub>2</sub>O

Molecular Weight: 134.137

Accurate Mass: 134.048013

Percentage Composition: C 62.68%; H 4.51%; N 20.88%; O 11.93%

Physical Description: Prisms (Me<sub>2</sub>CO)

Melting Point: Mp 238-239°

>>Derivative: Me ether

CAS Registry Number: 122379-63-9

Molecular Formula: C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>O

Molecular Weight: 148.164

Accurate Mass: 148.063663

Percentage Composition: C 64.85%; H 5.44%; N 18.91%; O 10.80%

Melting Point: Mp 180-182°

>>Derivative: 1-Benzyl

CAS Registry Number: 74420-14-7

Molecular Formula: C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O

Molecular Weight: 224.262

Accurate Mass: 224.094963

Percentage Composition: C 74.98%; H 5.39%; N 12.49%; O 7.13%

Physical Description: Glassy solid at r.t.

Boiling Point: Bp<sub>0.6</sub> 105-108°

#### References:

Schneller, S.W. *et al.*, *J.O.C.*, 1980, **45**, 4045, (*synth, deriv*)

Girgis, N.S. *et al.*, *J. Het. Chem.*, 1989, **26**, 317, (*synth, deriv, uv*)