>>**Entry Name: 6-Isoquinolinecarboxylic acid**

CAS Registry Number: 106778-43-2

Molecular Formula: $C_{10}H_7NO_2$
Molecular Weight: 173.171
Accurate Mass: 173.047679
Percentage Composition: C 69.36%; H 4.07%; N 8.09%; O 18.48%
Physical Description: Off-white cryst.
Melting Point: Mp 355-360° (320-327° subl. with dec.)

>>**Derivative:** Me ester

Molecular Formula: $C_{11}H_9NO_2$
Molecular Weight: 187.198
Accurate Mass: 187.063329
Percentage Composition: C 70.58%; H 4.85%; N 7.48%; O 17.09%
Melting Point: Mp 95°

>>**Derivative:** Nitrile
Synonym(s): 6-Cyanoisoquinoline
CAS Registry Number: 106778-42-1
Molecular Formula: $C_{10}H_6N_2$
Molecular Weight: 154.171
Accurate Mass: 154.053098
Percentage Composition: C 77.91%; H 3.92%; N 18.17%
Melting Point: Mp 152°

References:

Tyson, F. *et al.*, *J.A.C.S.*, 1939, **61**, 183, *(synth)*
Becalski, A. *et al.*, *J. Chem. Res., Synop.*, 1986, 236, *(synth)*