



>>Entry Name: 6-Isoquinolinecarboxylic acid

CAS Registry Number: 106778-43-2

Molecular Formula: C₁₀H₇NO₂

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: C₁₁H₉NO₂

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: C₁₀H₆N₂

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*)