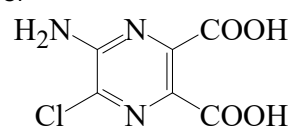




>>Entry Name: 5-Amino-6-chloro-3,3-pyrazinedicarboxylic acid, 9Cl



CAS Registry Number: 159853-80-2

Molecular Formula: C₆H₄ClN₃O₄

Molecular Weight: 217.568

Accurate Mass: 216.989034

Percentage Composition: C 33.12%; H 1.85%; Cl 16.29%; N 19.31%; O 29.41%

Physical Description: Cryst. (AcOH aq.)

Melting Point: Mp 300° (dec.)

>>Derivative: Dinitrile

Synonym(s): 2-Amino-3-chloro-5,6-dicyanopyrazine

CAS Registry Number: 56413-96-8

Molecular Formula: C₆H₂ClN₅

Molecular Weight: 179.568

Accurate Mass: 178.999872

Percentage Composition: C 40.13%; H 1.12%; Cl 19.74%; N 39.00%

Physical Description: Pale yellow needles (C₆H₆)

Melting Point: Mp 202-203°

References:

Mitsuhashi, K. *et al.*, *J. Het. Chem.*, 1986, **23**, 1741, (*dinitrile*)

Obafemi, C.A. *et al.*, *Helv. Chim. Acta*, 1994, **77**, 1549, (*synth, ir, pmr, cmr, ms*)