



>>Entry Name: 6-Amino-3-pyridazinecarboxylic acid, 9Cl

CAS Registry Number: 59772-58-6

Molecular Formula: $C_5H_5N_3O_2$

Molecular Weight: 139.113

Accurate Mass: 139.038177

Percentage Composition: C 43.17%; H 3.62%; N 30.21%; O 23.00%

Physical Description: Cryst.

Melting Point: Mp 168-170°

>>Derivative: Hydrochloride

Physical Description: Cryst.

Melting Point: Mp 243-245°

>>Derivative: Me ester

CAS Registry Number: 98140-96-6

Molecular Formula: $C_6H_7N_3O_2$

Molecular Weight: 153.14

Accurate Mass: 153.053827

Percentage Composition: C 47.06%; H 4.61%; N 27.44%; O 20.90%

Physical Description: Cryst.

Melting Point: Mp 200-201°

>>Derivative: Et ester

Molecular Formula: $C_7H_9N_3O_2$

Molecular Weight: 167.167

Accurate Mass: 167.069477

Percentage Composition: C 50.30%; H 5.43%; N 25.14%; O 19.14%

Physical Description: Cryst.

Melting Point: Mp 168-169°

>>Derivative: Amide

CAS Registry Number: 98021-37-5

Molecular Formula: $C_5H_6N_4O$

Molecular Weight: 138.129

Accurate Mass: 138.054161

Percentage Composition: C 43.48%; H 4.38%; N 40.56%; O 11.58%

Melting Point: Mp 264°

References:

Mitsui, S. *et al.*, *Nippon Kagaku Zasshi*, 1957, **78**, 577; *CA*, **53**, 5275f

Mourad, A.E. *et al.*, *J. Het. Chem.*, 1992, **29**, 1583, (*synth*, *ir*, *pmr*)