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>>Entry Name: **1*H*-Pyrazole-4-carboxaldehyde**, 9Cl, 8Cl

Synonym(s): 4-Formylpyrazole

CAS Registry Number: 35344-95-7

Molecular Formula: C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O

Molecular Weight: 96.088

Accurate Mass: 96.032363

Percentage Composition: C 50.00%; H 4.20%; N 29.15%; O 16.65%

Melting Point: Mp 82-83°

>>Derivative: *N*-Ph

CAS Registry Number: 54605-72-0

Molecular Formula: C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O

Molecular Weight: 172.186

Accurate Mass: 172.063663

Percentage Composition: C 69.76%; H 4.68%; N 16.27%; O 9.29%

Physical Description: Yellow cryst.

Melting Point: Mp 82°

#### References:

Greco, C.V. *et al.*, *J.C.S. Perkin 1*, 1972, 720, (*synth*)

Elguero, J. *et al.*, *Bull. Soc. Chim. Belg.*, 1975, **84**, 499, (*synth, pmr*)

Muri, E.M.F. *et al.*, *Synth. Commun.*, 1998, **28**, 1299-1321, (*N-Ph*)