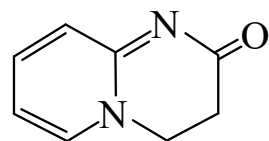




>>Entry Name: 3,4-Dihydro-2*H*-pyrido[1,2-*a*]pyrimidin-2-one, 9Cl



CAS Registry Number: 5439-14-5

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

Molecular Weight: 148.164

Accurate Mass: 148.063663

Percentage Composition: C 64.85%; H 5.44%; N 18.91%; O 10.80%

Use/Importance: Acid acceptor for ester and amide syntheses under neutral conditions

Melting Point: Mp 187-188°

Fluka: 37360

>>Derivative: Hydrochloride

CAS Registry Number: 2852-19-9

Physical Description: Prisms (EtOH/MeOH)

Melting Point: Mp 265 dec.°

#### References:

Adams, R. *et al.*, *J.A.C.S.*, 1952, **74**, 5491-5497, (*uv*)

Kascheres, A. *et al.*, *J.O.C.*, 1975, **40**, 1440-1444, (*synth*)

Mukaiyama, T. *et al.*, *Chem. Lett.*, 1976, 13-14; 57-60, (*use*)

*Fieser and Fieser's Reagents for Organic Synthesis*, Wiley, 1979, **7**, 110, (*synth, use*)