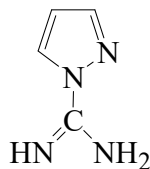




>>Entry Name: **1*H*-Pyrazole-1-carboximidamide**, 9CI

Synonym(s): 1-Guanylpurazole. Purazole-1-carboximidine. **Praxadine**, INN



CAS Registry Number: 4023-00-1

Related CAS Registry Numbers(s): 39111-57-4

Molecular Formula: C₄H₆N₄

Molecular Weight: 110.118

Accurate Mass: 110.059246

Percentage Composition: C 43.63%; H 5.49%; N 50.88%

Use/Importance: Reagent for guanylation of primary and secondary amines

Biological Use/Importance: Analgesic, antiinflammatory agent

Development Status: Never marketed

Melting Point: Mp 97-101°

>>Derivative: Hydrochloride

CAS Registry Number: 4023-02-3

Physical Description: Cryst. (H₂O)

Melting Point: Mp 170-171°

Aldrich: 40251-6

Fluka: 82630

Sigma: P2709

>>Derivative: Picrate

Melting Point: Mp 208°

References:

Bredereck, H. *et al.*, *Chem. Ber.*, 1965, **98**, 3178, (*synth*)

U.S. Pat., 1975, *Fuveau*, 3 925 552; *CA*, **84**, 180208q, (*synth, pharmacol*)

Bernatowicz, M.S. *et al.*, *J.O.C.*, 1992, **57**, 2497-2502, (*synth, use*)