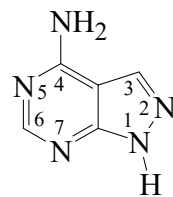




>>Entry Name: 4-Aminopyrazolo[3,4-*d*]pyrimidine, 8Cl

Synonym(s): 1*H*-Pyrazolo[3,4-*d*]pyrimidin-4-amine, 9Cl. Alloadenine



CAS Registry Number: 2380-63-4

Extra CAS Registry Numbers(s): 20289-44-5

Molecular Formula: C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>

Molecular Weight: 135.128

Accurate Mass: 135.054495

Percentage Composition: C 44.44%; H 3.73%; N 51.83%

Use/Importance: Reduces serum cholesterol in the rat

Physical Description: Needles or pale yellow cryst.

Melting Point: Mp 325°

#### References:

Robins, R.K., *J.A.C.S.*, 1956, **78**, 784, (*synth*)

Elvira, F.A. *et al.*, *J.A.C.S.*, 1956, **78**, 3143, (*synth*)

Earl, R.A. *et al.*, *J.O.C.*, 1975, **40**, 1822, (*uv, cmr*)