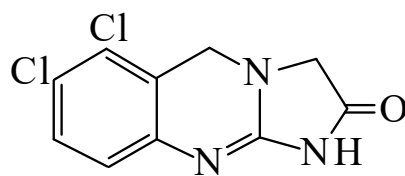




>> **Name:** Anagrelide, BAN, INN

Synonym(s): 6,7-Dichloro-3,5-dihydroimidazo[2,1-*b*]quinazolin-2(1*H*)-one, 9Cl. Agrylin. BL 4162A



CAS Registry Number: 68475-42-3

Molecular Formula: C₁₀H₇Cl₂N₃O

Molecular Weight: 256.09

Accurate Mass: 254.996616

Percentage Composition: C 46.90%; H 2.76%; Cl 27.69%; N 16.41%; O 6.25%

Use/Importance: Antithrombotic drug. Platelet aggregation inhibitor

Physical Description: Ivory cryst. + ½ H₂O

Development Status: Approved by FDA (1997)

Melting Point: Mp 280°

>> **Derivative:** Hydrochloride

Synonym(s): Anagrelide hydrochloride, USAN

CAS Registry Number: 58579-51-4

Physical Description: Cryst. + 1H₂O

References:

- Fleming, R.S. *et al.*, *Thromb. Res.*, 1979, **15**, 373, (*pharmacol*)
U.S. Pat., 1979, *Bristol-Myers*, 4 146 718; *CA*, **91**, 5248a, (*synth, pharmacol*)
Yamaguchi, H. *et al.*, *J. Het. Chem.*, 1981, **18**, 67, (*synth*)
Ishikawa, F. *et al.*, *J. Med. Chem.*, 1981, **24**, 376, (*synth, pharmacol*)
Fleming, R.S. *et al.*, *New Drugs Annu.: Cardiovasc. Drugs*, 1983, **1**, 277, (*rev*)
Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1337