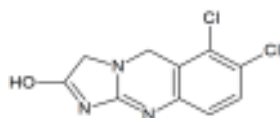


Anagrelide

ALTERNATE NAME: 6,7-dichloro-5,10-dihydro-3H-imidazo[2,1-b]quinazolin-2-one
BL 4162A
Agrelin
Thromboreductin

CATALOG #: B2446-5 5 mg
B2446-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₇Cl₂N₃O

MOLECULAR WEIGHT: 256.09

CAS NUMBER: 68475-42-3

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: DMSO

DESCRIPTION: Anagrelide is a phosphodiesterase 3 (PDE3) inhibitor (IC₅₀ = 36 nM) with antiplatelet activity. Anagrelide inhibits the maturation of megakaryocytes into platelets, reducing both megakaryocyte hyperproliferation and differentiation. Anagrelide is used for the treatment of overproduction of blood platelets.

REFERENCES: Espasandin, Y.R., et al. (2015). J Thromb Haemost. 13, 631-642.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Cilosatamide (2560)
Pimobendan (9676)
Cilostazol (2393)
Milrinone (2163)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*