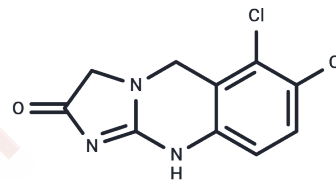


Anagrelide

Chemical Properties

CAS No. :	68475-42-3
Formula:	C ₁₀ H ₇ Cl ₂ N ₃ O
Molecular Weight:	256.09
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Anagrelide (Xagrid) is a Platelet-reducing Agent. The mechanism of action of anagrelide is as a Phosphodiesterase 3 Inhibitor. The physiologic effect of anagrelide is by means of Decreased Platelet Production.
Targets(IC50)	Apoptosis,PDE

Solubility Information

Solubility	DMSO: 0.64 mg/mL (2.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9049 mL	19.5244 mL	39.0488 mL
5 mM	0.781 mL	3.9049 mL	7.8098 mL
10 mM	0.3905 mL	1.9524 mL	3.9049 mL
50 mM	0.0781 mL	0.3905 mL	0.781 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Venuti MC, et al. J Med Chem. 1988 Nov; 31(11): 2136-45.

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