

Catalog	Unit
TBI1220 -10MG	10 mg
TBI1220 -50MG	50 mg

Product Details

Formal Name: 6,7-dichloro-1,5-dihydroimidazo [2,1 -b] quinazolin-2(3H)-one hydrochloride.

Alternate Name: BL-4162A

Molecular Formula: C₁₀H₇Cl₂N₃O•HCl.

Formula Weight: 292.55

CAS Number: 58579-51-4.

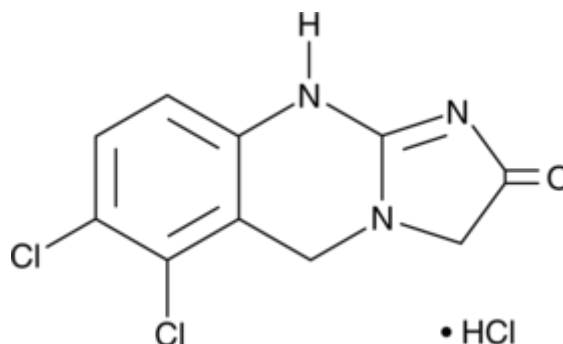
Purity: ≥98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 2.5 mg/ml).

Storage: -20°C

Stability: ≥ 2 years



Applications

Phosphodiesterase 2 (PDE3) inhibitor.

Functions

Anagrelide is a potent and selective phosphodiesterase (PDE3) inhibitor, IC₅₀=36 nM). It inhibits platelet production by disrupting megakaryocyte maturation via a mechanism which is independent of PDE3 inhibition. Clinically, anagrelide is used for conditions requiring platelet lowering therapy.

Application Procedures

Anagrelide can be first dissolved in DMSO, then diluted to aqueous buffer. The solution can be stored at -20°C for up to 2 weeks.

Relative Products

TBI2438	EHNA Hydrochloride, PDE2 and ADA Inhibitor
TBI1220	Anagrelide HCl, PDE3 Inhibitor
TBI2657	Roflumilast, PDE4 Inhibitor
TBI1221	Sildenafil citrate, PDE5 Inhibitor
TBI1008	IBMX, PDE Inhibitor (Pan Specific)
TBI1126	Vinpocetine, PDE1 Inhibitor
TBI1408	BC-11-38, PDE11 Inhibitor
TBI1319	BML-288, PDE2 Inhibitor
TBI2584	Cilostamide, PDE3 Inhibitor
TBI1131	Cilostazol, PDE3A Inhibitor
TBI1014	RO 20-1724, PDE4 Inhibitor

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