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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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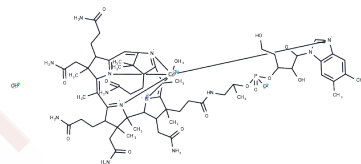
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Aquacobalamin

Chemical Properties

CAS No. : 13422-52-1
 Formula: C62H91CoN13O16P
 Molecular Weight: 1364.37
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Aquacobalamin, one of the primary forms of Vitamin B12 isolated from mammalian cells, accelerates the oxidation of the diazo dye Orange II in aqueous solutions containing HSO ₅ ⁻ . Additionally, Aquacobalamin can reversibly bind with hydrogen peroxide to form a cobalt (III) hydroperoxide complex, with a dissociation constant of 0.25 mM.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7329 mL	3.6647 mL	7.3294 mL
5 mM	0.1466 mL	0.7329 mL	1.4659 mL
10 mM	0.0733 mL	0.3665 mL	0.7329 mL
50 mM	0.0147 mL	0.0733 mL	0.1466 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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