

BODIPY-labeled vitamin B12

Chemical Properties

CAS No. :

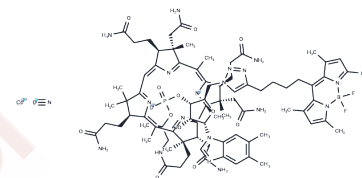
Formula: C82H110BCoF2N19O13P

Molecular Weight: 1708.58

Keep away from direct sunlight

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	BODIPY-labeled vitamin B12 is vitamin B12 conjugated with BODIPY fluorescent dye, which can be used to study the cellular metabolism and transport of vitamin B12 in live cells, with $\lambda_{ex} = 493 \text{ nm}$ and $\lambda_{em} = 508 \text{ nm}$.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5853 mL	2.9264 mL	5.8528 mL
5 mM	0.1171 mL	0.5853 mL	1.1706 mL
10 mM	0.0585 mL	0.2926 mL	0.5853 mL
50 mM	0.0117 mL	0.0585 mL	0.1171 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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