

WH-15

## Chemical Properties

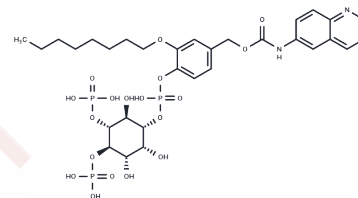
CAS No. : 1264748-47-1

Formula: C<sub>31</sub>H<sub>43</sub>N<sub>2</sub>O<sub>18</sub>P<sub>3</sub>

Molecular Weight: 824.6

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	WH-15 is a fluorogenic phospholipase C (PLC) reporter, exhibiting Michaelis-Menten constant (K <sub>m</sub> ) values of 49, 30, and 86.1 μM for PLC-γ1, PLC-δ1, and PLC-β2, respectively. It undergoes enzymatic cleavage in a cascade reaction to produce fluorescent 6-aminoquinoline. This compound enables the imaging of PLC activity in live cells [1].
Targets(IC50)	Others,Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2127 mL	6.0635 mL	12.1271 mL
5 mM	0.2425 mL	1.2127 mL	2.4254 mL
10 mM	0.1213 mL	0.6064 mL	1.2127 mL
50 mM	0.0243 mL	0.1213 mL	0.2425 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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