

## Reversin 121

## Chemical Properties

CAS No. : 174630-04-7

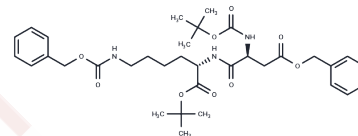
Formula: C<sub>34</sub>H<sub>47</sub>N<sub>3</sub>O<sub>9</sub>

Molecular Weight: 641.75

Keep away from moisture

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   | Reversin 121, a P-glycoprotein inhibitor, enhances MDR1's ATPase activity and counteracts P-glycoprotein-mediated multidrug resistance, making it useful in cancer research. |
| Targets(IC50) | P-gp   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5582 mL | 7.7912 mL | 15.5824 mL |
| 5 mM  | 0.3116 mL | 1.5582 mL | 3.1165 mL  |
| 10 mM | 0.1558 mL | 0.7791 mL | 1.5582 mL  |
| 50 mM | 0.0312 mL | 0.1558 mL | 0.3116 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

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

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