

## P-gp inhibitor 17

## Chemical Properties

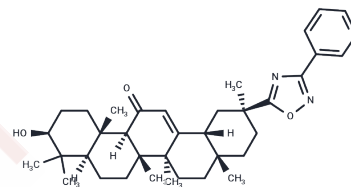
CAS No. : 2556388-58-8

Formula: C<sub>36</sub>H<sub>49</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 571.79

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	P-gp Inhibitor 17 (compound 2g), a potent inhibitor, directly interacts with the transmembrane domain of P-gp. This compound is useful for studying P-gp-mediated multidrug resistance in tumor cells [1].
Targets(IC50)	P-gp

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7489 mL	8.7445 mL	17.4889 mL
5 mM	0.3498 mL	1.7489 mL	3.4978 mL
10 mM	0.1749 mL	0.8744 mL	1.7489 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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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