

## Anticancer agent 111

## Chemical Properties

CAS No. :

Formula: C42H60O4

Molecular Weight: 628.92

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	Anticancer agent 111 (compound 11), exhibiting anticancer activity, serves as a potent inhibitor of cytochrome P450, particularly targeting CYP3A4 with an inhibitory concentration (IC50) of 3 $\mu$ M. It is useful in cancer research [1].
Targets(IC50)	Others,Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.590 mL	7.9501 mL	15.9003 mL
5 mM	0.318 mL	1.590 mL	3.1801 mL
10 mM	0.159 mL	0.795 mL	1.590 mL
50 mM	0.0318 mL	0.159 mL	0.318 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481