

RPR103611

## Chemical Properties

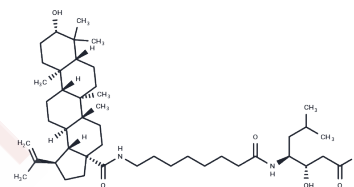
CAS No. : 150840-75-8

Formula: C<sub>46</sub>H<sub>78</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight: 755.12

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	RPR103611, a derivative of betulinic acid, serves as an effective inhibitor of HIV-1 entry, exhibiting IC <sub>50</sub> values of 80, 0.27, and 0.17 for CCR5-tropic virus YU2, CXCR4-tropic virus NL4-3, and dual-tropic virus 89.6, respectively [1].
Targets(IC <sub>50</sub> )	Others,HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3243 mL	6.6215 mL	13.2429 mL
5 mM	0.2649 mL	1.3243 mL	2.6486 mL
10 mM	0.1324 mL	0.6621 mL	1.3243 mL
50 mM	0.0265 mL	0.1324 mL	0.2649 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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