

## TLR7/8 agonist 11

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>38</sub>N<sub>8</sub>O<sub>2</sub>

Molecular Weight: 518.65

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	TLR7/8 agonist 11 (compound 30) serves as a powerful agonist for hTLR7 and hTLR8, exhibiting EC <sub>50</sub> values of 31.1 nM and 13.1 nM, respectively. This compound is crucial in the functioning of both adaptive and innate immune responses.
Targets(IC <sub>50</sub> )	TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9281 mL	9.6404 mL	19.2808 mL
5 mM	0.3856 mL	1.9281 mL	3.8562 mL
10 mM	0.1928 mL	0.964 mL	1.9281 mL
50 mM	0.0386 mL	0.1928 mL	0.3856 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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