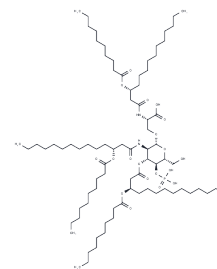


CRX 527

## Chemical Properties

CAS No. : 216014-14-1  
 Formula: C<sub>81</sub>H<sub>151</sub>N<sub>2</sub>O<sub>19</sub>P  
 Molecular Weight: 1488.04  
 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	CRX 527 is a TLR4 ligand and serves as an adjuvant for peptide cancer vaccines, enhancing anti-tumor immune responses. CRX 527 also induces hematopoietic stem cell (HSC) differentiation, increasing the proportion and number of LSK cells, and promotes their differentiation into macrophages. This activation bolsters immune defense and protects intestinal epithelium from radiation damage.
Targets(IC50)	TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.672 mL	3.3601 mL	6.7202 mL
5 mM	0.1344 mL	0.672 mL	1.344 mL
10 mM	0.0672 mL	0.336 mL	0.672 mL
50 mM	0.0134 mL	0.0672 mL	0.1344 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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