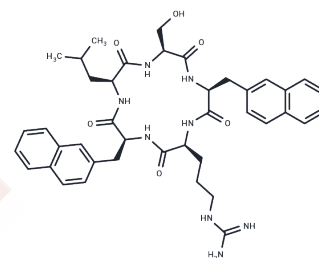


sPLA2-IIA Inhibitor

Chemical Properties

CAS No. :	236394-37-9
Formula:	C ₄₁ H ₅₀ N ₈ O ₆
Molecular Weight:	750.89
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	The sPLA2-IIA Inhibitor is a cyclic pentapeptide analog of FLSYK, specifically cyclic 2-Nal-Leu-Ser-2-Nal-Arg (c2), which interacts with human IIA phospholipase A2 (hGIIA) to impede its ester bond hydrolyzing function. As part of the esterase superfamily, sPLA2 enzymatically cleaves the sn-2 ester bond in glycerophospholipids, releasing arachidonic acid and lysophospholipids[1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3318 mL	6.6588 mL	13.3175 mL
5 mM	0.2664 mL	1.3318 mL	2.6635 mL
10 mM	0.1332 mL	0.6659 mL	1.3318 mL
50 mM	0.0266 mL	0.1332 mL	0.2664 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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