

## Capa-2

## Chemical Properties

CAS No. :	454186-80-2
Formula:	C47H78N14O11
Molecular Weight:	1015.23
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	Capa-2 is a neuropeptide that induces calcium ion influx and stimulates nitric oxide (NO) production, which activates soluble guanylate cyclase (sGC) and increases intracellular cGMP levels, thereby driving ion and fluid secretion. Capa-2 is utilized in diuretic research.
Targets(IC50)	Calcium Channel,Neurotensin Receptor,NO Synthase,Guanylate cyclase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.985 mL	4.925 mL	9.850 mL
5 mM	0.197 mL	0.985 mL	1.970 mL
10 mM	0.0985 mL	0.4925 mL	0.985 mL
50 mM	0.0197 mL	0.0985 mL	0.197 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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