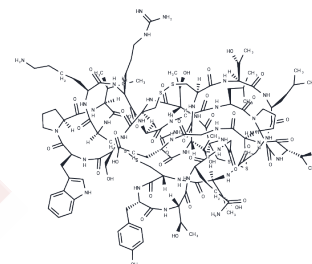


Kalata B7

Chemical Properties

CAS No. :	339532-29-5
Formula:	C128H196N36O40S6
Molecular Weight:	3071.53
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	Kalata B7, a cyclotide isolated from <i>Oldenlandia affinis</i> DC (Rubiaceae), possesses membrane-permeating capabilities and acts as a partial agonist of oxytocin- and vasopressin V1a-receptors [1] [2].
Targets(IC50)	Vasopressin Receptor, Oxytocin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3256 mL	1.6279 mL	3.2557 mL
5 mM	0.0651 mL	0.3256 mL	0.6511 mL
10 mM	0.0326 mL	0.1628 mL	0.3256 mL
50 mM	0.0065 mL	0.0326 mL	0.0651 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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