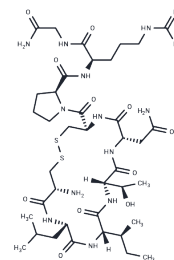


## (D-Arg8)-Inotocin

## Chemical Properties

CAS No. :	745816-74-4
Formula:	C39H68N14O11S2
Molecular Weight:	973.17
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	'(D-Arg8)-Inotocin is a potent, selective, and competitive antagonist of the vasopressin receptor (V 1a R), exhibiting a binding affinity (K i) of 1.3 nM. It demonstrates over 3000-fold selectivity for the human V1aR compared to the OTR, V1bR, and V2R subtypes [1].'
Targets(IC50)	Vasopressin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0276 mL	5.1378 mL	10.2757 mL
5 mM	0.2055 mL	1.0276 mL	2.0551 mL
10 mM	0.1028 mL	0.5138 mL	1.0276 mL
50 mM	0.0206 mL	0.1028 mL	0.2055 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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