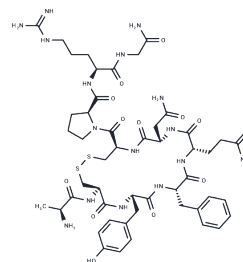


Argipressin, ala(10)-

Chemical Properties

CAS No. :	115699-79-1
Formula:	C49H70N16O13S2
Molecular Weight:	1155.32
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	Argipressin, ala(10)- is a Decapeptide that differs from argipressin in the addition of an N-terminal Ala-residue.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8656 mL	4.3278 mL	8.6556 mL
5 mM	0.1731 mL	0.8656 mL	1.7311 mL
10 mM	0.0866 mL	0.4328 mL	0.8656 mL
50 mM	0.0173 mL	0.0866 mL	0.1731 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.

Reference

Bal W, Kozłowski H, Lammek B, Pettit LD, Rolka K. Potentiometric and spectroscopic studies of the Cu(II) complexes of Ala-Arg8-vasopressin and oxytocin: two vasopressin-like peptides. *J Inorg Biochem.* 1992 Feb 15;45(3):193-202. PubMed PMID: 1321887.

Kaliżan R, Petruszewicz J, Juzwa W, Rekowski P, Lammek B, Kupryszewski G. Constrictory activity of three new arginine-vasopressin (AVP) analogues (Ala-AVP, Ser-Ala-AVP, Thr-Ser-Ala-AVP) towards isolated rat tail artery as related to AVP alone. *Pharmacol Res Commun.* 1988 May;20(5):377-81. PubMed PMID: 3420141.

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