

Arginine Vasopressin-d5

Art. ID TRC-A769552-25MG
Unit 25 mg

Description

Category: Isotope Labelled Compounds, Peptides, Pharmaceuticals, Intermediates and Fine Chemicals ///
Application Notes: Labelled Arginine Vasopressin. An endogenous antidiuretic hormone in most mammalian species. It is released into the blood from nerve terminals in the posterior pituitary and median eminence. It is a neurotransmitter in the central nervous system and also implicated in a variety of physiological processes such as regulating water balance by antidiuretic action. It is a peptidic V1a receptor agonist that produces vasoconstriction via V1aR-mediated vascular smooth muscle cell contraction and is being used to increase blood pressure in septic shock, a form of vasodilatory hypotension. /// References: Perucca, J. et al.: J. AM. Soc. Nephrol., 19, 1721 (2008)| Toba, K. et al.: Prog. Brain Res., 119, 337 (1998)| Berrada, K. et al.: J. Biol. Chem., 275, 27229 (2000)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Arginine Vasopressin-d5	[1356383-11-3]				