

# Desmopressin

Catalog No: **tcsc1199**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

16679-58-6

**Formula:**

$C_{46}H_{64}N_{14}O_{12}S_2$

**Pathway:**

GPCR/G Protein

**Target:**

Vasopressin Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

DDAVP

**Observed Molecular Weight:**

1069.22

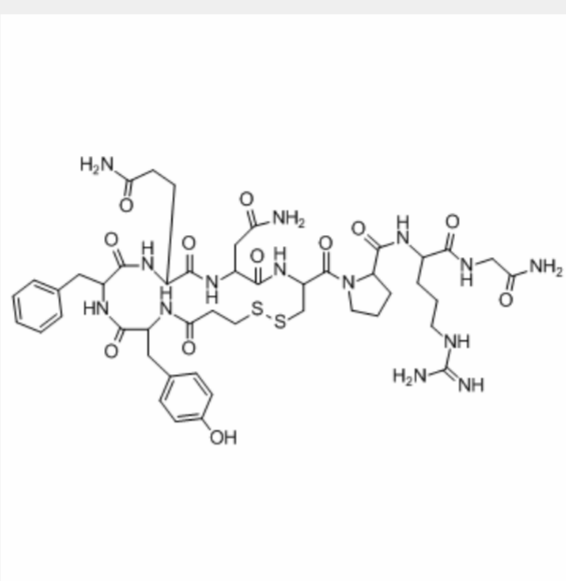
## Product Description

Desmopressin(DDAVP) is the synthetic analogue of the antidiuretic hormone arginine vasopressin.

IC50 Value:

Target: Vasopressin Receptor

The antidiuretic properties of desmopressin have led to its use in polyuric conditions including primary nocturnal enuresis, nocturia, and diabetes insipidus. Desmopressin works by limiting the amount of water that is eliminated in the urine. Desmopressin binds to V2 receptors in renal collecting ducts, increasing water reabsorption. It also stimulates release of von Willebrand factor from endothelial cells by acting on the V2 receptor.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!