

Desmopressin (Acetate)

Catalog No: tcsc0952



Available Sizes

Size: 2mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

62288-83-9

Formula:

$C_{48}H_{68}N_{14}O_{14}S_2$

Pathway:

GPCR/G Protein

Target:

Vasopressin Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

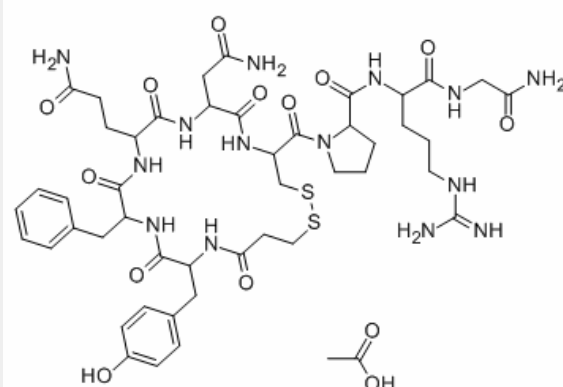
Alternative Names:

DDAVP

Observed Molecular Weight:

1129.27

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.



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