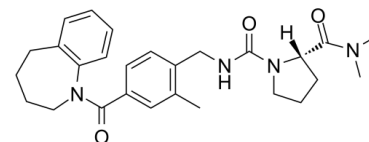


Data Sheet

Product Name:	Fedovapagon
Cat. No.:	CS-0003613
CAS No.:	347887-36-9
Molecular Formula:	C ₂₇ H ₃₄ N ₄ O ₃
Molecular Weight:	462.58
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Solubility:	DMSO : ≥ 125 mg/mL (270.22 mM)



BIOLOGICAL ACTIVITY:

Fedovapagon is a selective **vasopressin V2 receptor (V2R)** agonist with an **EC₅₀** of 24 nM, which is being developed for the treatment of nocturia^[1]. IC₅₀ & Target: EC₅₀: 24 nM (V2R)^[1]

References:

[1]. Yea CM, et al. New benzylureas as a novel series of potent, nonpeptidic vasopressin V2 receptor agonists. J Med Chem. 2008 Dec 25;51(24):8124-34.

CAIndexNames:

1,2-Pyrrolidinedicarboxamide, N2,N2-dimethyl-N1-[[2-methyl-4-[(2,3,4,5-tetrahydro-1H-1-benzazepin-1-yl)carbonyl]phenyl]methyl]-, (2S)-

SMILES:

CC1=C(CNC(N2CCCC[C@]2(C(N(C)C)=O)[H])=O)C=CC(C(N3CCCCC4=C3C=CC=C4)=O)=C1

Caution: Product has not been fully validated for medical applications. For research use only.

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