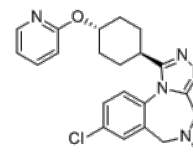


Product Name : Balovaptan
Cat. No. : PC-60033
CAS No. : 1228088-30-9
Molecular Formula : C₂₂H₂₄ClN₅O
Molecular Weight : 409.918
Target : Vasopressin Receptor
Solubility : 10 mM in DMSO



1. Schnider P, et al. *J Med Chem.* 2020 Feb 27;63(4):1511-1525.

Biological Activity

Balovaptan (RG7314, RO5285119) is a potent, selective **vasopressin-1 receptor** antagonist with K_b of 0.39 nM at the human V1a receptor.

Balovaptan (RG7314, RO5285119) displays outstanding functional selectivity against human V2 (3888-fold) and OT (2735-fold) receptors.

Balovaptan (RG7314, RO5285119) also shows no significant off-target activities except for the human 5HT_{2B} receptor in a diverse 120-target selectivity screen.

References

