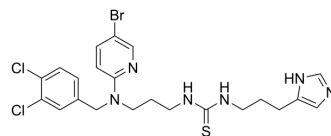


## NNC 26-9100

Cat. No.:	HY-108499
CAS No.:	199522-35-5
Molecular Formula:	C <sub>22</sub> H <sub>25</sub> BrCl <sub>2</sub> N <sub>6</sub> S
Molecular Weight:	556.35
Target:	Somatostatin Receptor; $\gamma$ -secretase
Pathway:	GPCR/G Protein; Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

NNC 26-9100 is a selective somatostatin sst4 receptor full agonist ( $K_i$ : 6 nM,  $EC_{50}$ : 2 nM). NNC 26-9100 decreases total soluble A $\beta$ 42, increases brain neprilysin activity and improves learning<sup>[1][2]</sup>.

## REFERENCES

- [1]. Michael Ankersen, et al. Discovery of a Novel Non-Peptide Somatostatin Agonist with SST4 Selectivity. *J. Am. Chem. Soc.* 1998, 120, 7, 1368-1373.
- [2]. Sandoval KE, et al. Somatostatin receptor subtype-4 agonist NNC 26-9100 mitigates the effect of soluble A $\beta$ (42) oligomers via a metalloproteinase-dependent mechanism. *Brain Res.* 2013 Jul 3;1520:145-56.

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

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