

AVLX-125

Cat. No.:	HY-P10212
CAS No.:	1786434-31-8
Molecular Formula:	C ₆₂ H ₁₀₄ N ₁₀ O ₂₉
Molecular Weight:	1453.54
Sequence:	Val-Asp-Thr-Glu-Ile-Ile-Glu-Thr-Asp-Val Covalent bridge:Ile5-Ile6
Sequence Shortening:	VDTEIETDV Covalent bridge:Ile5-Ile6
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	AVLX-125 (UCCB01-125) is a PSD-95 and PDZ domain inhibitor with K _d value of 10 nM. AVLX-125 can be used in the study of inflammatory pain ^{[1][2]} .
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REFERENCES

- [1]. Haugaard-Kedström L M, et al. Targeting PSD-95 as a novel approach in the treatment of stroke. *Neuroprotective Therapy for Stroke and Ischemic Disease*, 2017: 157-184.
- [2]. Andreassen JT, et al. UCCB01-125, a dimeric inhibitor of PSD-95, reduces inflammatory pain without disrupting cognitive or motor performance: comparison with the NMDA receptor antagonist MK-801. *Neuropharmacology*. 2013 Apr;67:193-200.

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

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