

PDZ1 Domain inhibitor peptide

Cat. No.: HY-P1195
CAS No.: 1315378-73-4
Molecular Formula: C₃₈H₆₁N₉O₁₁
Molecular Weight: 819.94
Sequence Shortening: YKKTEAV (Lactam bridge:Lys3-Glu5)
Target: Others
Pathway: Others
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description

PDZ1 Domain inhibitor peptide, a cyclic peptide, incorporates a β-Ala lactam side chain linker and targets the PDZ1 domains of the postsynaptic density protein 95 (PSD-95). PDZ1 Domain inhibitor peptide disrupts the GluR6/PSD-95 interaction and is very efficient in competing against the C terminus of GluR6 for the PDZ1 domain^[1].

REFERENCES

[1]. Andrea Piserchio, et al. Targeting specific PDZ domains of PSD-95; structural basis for enhanced affinity and enzymatic stability of a cyclic peptide. Chem Biol. 2004 Apr;11(4):469-73.

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

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