

## PDZ1 Domain inhibitor peptide TFA

## Chemical Properties

CAS No. :

Formula: C40H62F3N9O13

Molecular Weight: 933.97

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	PDZ1 Domain Inhibitor Peptide TFA, a cyclic peptide featuring a $\beta$ -Ala lactam side chain linker, specifically targets the PDZ1 domains of postsynaptic density protein 95 (PSD-95). It effectively disrupts the GluR6/PSD-95 interaction, competing against the C terminus of GluR6 for the PDZ1 domain with high efficiency [1].
Targets(IC50)	iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0707 mL	5.3535 mL	10.707 mL
5 mM	0.2141 mL	1.0707 mL	2.1414 mL
10 mM	0.1071 mL	0.5353 mL	1.0707 mL
50 mM	0.0214 mL	0.1071 mL	0.2141 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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