

TAT-P4-(DATC5)2 TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

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|---------------|---|
| Description | TAT-P4-(DATC5)2 TFA, a high-affinity peptide inhibitor targeting the PDZ domain of protein interacting with C kinase-1 (PICK1), exhibits a K_i of 1.7 nM and demonstrates potential in mitigating addiction behaviors in rats [1]. |
| Targets(IC50) | PKC |
| In vivo | TAT-P4-(DATC5)2 TFA, administered intravenously at doses of 0.99 $\mu\text{g}/\text{kg}$ and 9.9 $\mu\text{g}/\text{kg}$, dose-dependently attenuated the reinstatement of drug-seeking behavior in rats without inducing operational learning deficits or suppressing motor activity [1]. |

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481