

## TAT-PiET-PROTAC

## Chemical Properties

CAS No. :

Formula: C145H239N53O35S

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

Description	TAT-PiET-PROTAC is a TAT-PiET modified by a proteolysis targeting chimera (PROTAC). TAT-PiET is a cell-penetrating peptide that targets the extra-terminal (ET) domain of BRD4. TAT-PiET-PROTAC disrupts the interaction between BRD4 and the oncogene JMJD6 in breast cancer, effectively inhibiting the growth of these cancer cells. Additionally, it combats endocrine resistance in ER $\alpha$ -positive breast cancer cells, making it a promising breast cancer inhibitor. TAT-PiET-PROTAC is also utilized in the synthesis/research of radiolabeled conjugate drugs (RDC).
Targets(IC50)	Epigenetic Reader Domain

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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