

R4K1

Chemical Properties

CAS No. :

Formula: C82H146N34O19

Molecular Weight: 1912.25

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	R4K1 is a cell-permeable stapled peptide that binds with high affinity to estrogen receptor (ER) α , inhibiting its interaction with coactivators. It penetrates breast cancer cells, regulating gene transcription and suppressing cell proliferation. R4K1 is applicable for tumor research.
Targets(IC50)	Estrogen Receptor/ERR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5229 mL	2.6147 mL	5.2294 mL
5 mM	0.1046 mL	0.5229 mL	1.0459 mL
10 mM	0.0523 mL	0.2615 mL	0.5229 mL
50 mM	0.0105 mL	0.0523 mL	0.1046 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481