

## EGFR Peptide (human, mouse) (myristoylated) TFA

## Chemical Properties

CAS No. :

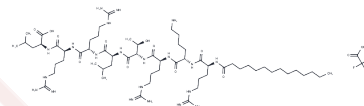
Formula: C<sub>60</sub>H<sub>117</sub>N<sub>21</sub>O<sub>11</sub>.XCF<sub>3</sub>COOH

Molecular Weight: 1308.71

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	EGFR peptide (myristoylated), a synthetic peptide inhibitor of PKC (IC <sub>50</sub> = 5 μM), corresponds to the intracellular region's amino acid sequence of EGFR. It effectively reverses doxorubicin resistance in UV-2237M (UV-2237M-ADRR) fibrosarcoma cells at a concentration of 1 μM.
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## Solubility Information

Solubility	PBS pH 7.2: 2 mg/mL (1.53 mM), Sonication is recommended. DMSO: 10 mg/mL (7.64 mM), Sonication is recommended. DMF: 10 mg/mL (7.64 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7641 mL	3.8206 mL	7.6411 mL
5 mM	0.1528 mL	0.7641 mL	1.5282 mL
10 mM	0.0764 mL	0.3821 mL	0.7641 mL
50 mM	0.0153 mL	0.0764 mL	0.1528 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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