

Enhanced Green Fluorescent Protein (EGFP) (200-208)

Chemical Properties

CAS No. : 323198-39-6

Formula: C45H70N12O15

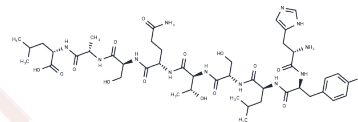
Molecular Weight: 1019.11

Storage:

Keep away from moisture, Keep away from direct sunlight, Store at low temperature

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	Enhanced Green Fluorescent Protein (EGFP) (200-208) is a peptide that strongly binds to H2-K, a restricted cytotoxic T lymphocyte (CTL) epitope.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 30 mg/mL (29.44 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	0.9812 mL	4.9062 mL	9.8125 mL
5 mM	0.1962 mL	0.9812 mL	1.9625 mL
10 mM	0.0981 mL	0.4906 mL	0.9812 mL
50 mM	0.0196 mL	0.0981 mL	0.1962 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.

Reference

Gurunathan Sangiliyandi, et al. Enhanced green fluorescent protein-mediated synthesis of biocompatible graphene. Journal of nanobiotechnology 12 (2014): 1-16.

Steitz J, et al. Balb/c EGFP mice are tolerant against immunization utilizing recombinant adenoviral-based vectors encoding EGFP: a novel model for the study of tolerance mechanisms and vaccine efficacy. Mol Immunol. 2010 Feb;47(5):1149-53.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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