

GFP11

Chemical Properties

CAS No. :	862973-56-6
Formula:	C79H124N24O24S
Molecular Weight:	1826.07
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	GFP11 is a protein fusion tag composed of 16 amino acids. It facilitates the presentation of proteins on the outer membrane of Gram-negative bacteria and emits green fluorescence by complementing with externally added GFP1-10. Due to its small molecular weight, GFP11 does not significantly affect protein solubility or expression, nor does it alter the catalytic activity of the enzyme CsBglA. GFP11 is applicable in creating a split GFP system for high-throughput biotechnology and flow cytometry applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5476 mL	2.7381 mL	5.4762 mL
5 mM	0.1095 mL	0.5476 mL	1.0952 mL
10 mM	0.0548 mL	0.2738 mL	0.5476 mL
50 mM	0.011 mL	0.0548 mL	0.1095 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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