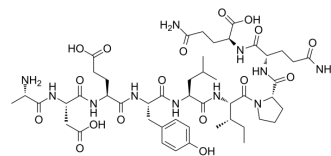


EGFR Protein Tyrosine Kinase Substrate

Cat. No.:	HY-P2503
CAS No.:	945830-38-6
Molecular Formula:	C ₄₈ H ₇₃ N ₁₁ O ₁₇
Molecular Weight:	1076.16
Sequence:	Ala-Asp-Glu-Tyr-Leu-Ile-Pro-Gln-Gln
Sequence Shortening:	ADEYLIPQQ
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (46.46 mM); Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	0.9292 mL	4.6461 mL	9.2923 mL
		5 mM	0.1858 mL	0.9292 mL	1.8585 mL
10 mM		0.0929 mL	0.4646 mL	0.9292 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (23.23 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	EGFR Protein Tyrosine Kinase Substrate is a EGFR protein tyrosine kinase substrate.
-------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA