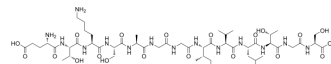


GroES mobile loop

Cat. No.:	HY-P1598
Molecular Formula:	C ₅₁ H ₉₀ N ₁₄ O ₂₀
Molecular Weight:	1219.34
Sequence:	Glu-Thr-Lys-Ser-Ala-Gly-Gly-Ile-Val-Leu-Thr-Gly-Ser
Sequence Shortening:	ETKSAGGIVLTGS
Target:	Others
Pathway:	Others
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

H₂O : 33.33 mg/mL (27.33 mM; ultrasonic and adjust pH to 1 with HCl)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	0.8201 mL	4.1006 mL	8.2012 mL
	5 mM	0.1640 mL	0.8201 mL	1.6402 mL	
	10 mM	0.0820 mL	0.4101 mL	0.8201 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

GroES mobile loop is a highly flexible region of free GroES, which binds to GroEL through the residues at the tip of the loop.

In Vitro

GroES mobile loop is a highly flexible region of free GroES, which binds to GroEL through the residues at the tip of the loop. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Nojima T, et al. Flexibility of GroES mobile loop is required for efficient chaperonin function. J Mol Biol. 2012 Sep 14;422(2):291-9.

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