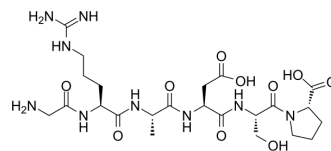


H-Gly-Arg-Ala-Asp-Ser-Pro-OH

Cat. No.: HY-P4232
CAS No.: 99896-86-3
Molecular Formula: C₂₃H₃₉N₉O₁₀
Molecular Weight: 601.61
Sequence: H-Gly-Arg-Ala-Asp-Ser-Pro-OH
Sequence Shortening: GRADSP
Target: Others
Pathway: Others
Storage: Sealed storage, away from moisture and light
 Powder -80°C 2 years
 -20°C 1 year



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

SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (83.11 mM; Need ultrasonic)
 DMSO : 50 mg/mL (83.11 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6622 mL	8.3110 mL	16.6221 mL
	5 mM	0.3324 mL	1.6622 mL	3.3244 mL
	10 mM	0.1662 mL	0.8311 mL	1.6622 mL

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

BIOLOGICAL ACTIVITY

Description

H-Gly-Arg-Ala-Asp-Ser-Pro-OH (GRADSP) is a negative control peptide of GRGDdSP^[1].

REFERENCES

[1]. G A Gronowicz, et al. Synthetic peptide containing Arg-Gly-Asp inhibits bone formation and resorption in a mineralizing organ culture system of fetal rat parietal bones. J Bone Miner Res. 1994 Feb;9(2):193-201.

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

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