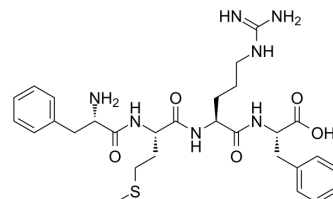


FMRF

Cat. No.:	HY-P0293
CAS No.:	74012-06-9
Molecular Formula:	C ₂₉ H ₄₁ N ₇ O ₅ S
Molecular Weight:	599.74
Sequence:	Phe-Met-Arg-Phe
Sequence Shortening:	FMRF
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	DMSO : 100 mg/mL (166.74 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.6674 mL	8.3369 mL	16.6739 mL
5 mM			0.3335 mL	1.6674 mL	3.3348 mL	
		10 mM		0.1667 mL	0.8337 mL	1.6674 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.17 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.17 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.17 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	FMRF is a peptide consisting of 4 amino acid residues.
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Caution: Product has not been fully validated for medical applications. For research use only.

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