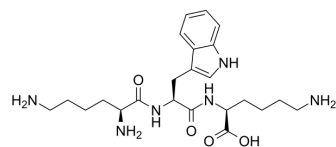


## H-Lys-Trp-Lys-OH

Cat. No.:	HY-P1350
CAS No.:	38579-27-0
Molecular Formula:	C <sub>23</sub> H <sub>36</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight:	460.57
Sequence:	H-Lys-Trp-Lys-OH
Sequence Shortening:	HKWK-OH
Target:	Bacterial
Pathway:	Anti-infection
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<sub>2</sub>O : 100 mg/mL (217.12 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1712 mL	10.8561 mL	21.7122 mL
	5 mM	0.4342 mL	2.1712 mL	4.3424 mL
	10 mM	0.2171 mL	1.0856 mL	2.1712 mL

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

### BIOLOGICAL ACTIVITY

#### Description

H-Lys-Trp-Lys-OH is a small molecule peptide which displays antibacterial and antiviral activities extracted from patent CN 104072579 A, Compound AMP12.

### REFERENCES

[1]. J He, et al. Small molecule peptide with antibacterial antiviral activity and active modifier of small molecule peptide. CN 104072579 A.

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

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