

Mastoparan 17

Cat. No.:	HY-P3072
CAS No.:	145854-61-1
Molecular Formula:	C ₇₀ H ₁₃₂ N ₂₀ O ₁₅
Molecular Weight:	1493.92
Sequence Shortening:	INLKAKAALAKKLL-NH ₂
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year

INLKAKAALAKKLL-NH₂

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

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 50 mg/mL (33.47 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.6694 mL	3.3469 mL	6.6938 mL
	5 mM		0.1339 mL	0.6694 mL	1.3388 mL
	10 mM		0.0669 mL	0.3347 mL	0.6694 mL

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

BIOLOGICAL ACTIVITY

Description

Mastoparan 17 is a tetradecapeptide. Mastoparan 17 is an inactive analogue of [Mastoparan](#) (HY-P0246) ^[1].

REFERENCES

[1]. Tucker EB, et, al. Mastoparan-Induced Intracellular Ca²⁺ Fluxes May Regulate Cell-to-Cell Communication in Plants. Plant Physiol. 1996 Jun;111(2):459-467.

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

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