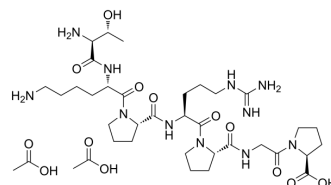


## Selank diacetate

**Cat. No.:** HY-105042A  
**Molecular Formula:** C<sub>37</sub>H<sub>65</sub>N<sub>11</sub>O<sub>13</sub>  
**Molecular Weight:** 871.98  
**Sequence:** Thr-Lys-Pro-Arg-Pro-Gly-Pro  
**Sequence Shortening:** TKPRPGP  
**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

H<sub>2</sub>O : 250 mg/mL (286.70 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1468 mL	5.7341 mL	11.4682 mL
	5 mM		0.2294 mL	1.1468 mL	2.2936 mL
	10 mM		0.1147 mL	0.5734 mL	1.1468 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Selank (Selanc) acetate is a synthetic peptide derived from tuftsin. Selank acetate has anxiolytic activity, and is a nootropic, neuropsychotropic, antidepressant, and antistress compound<sup>[1]</sup>.

### REFERENCES

[1]. Volkova A, et al. Selank Administration Affects the Expression of Some Genes Involved in GABAergic Neurotransmission. *Front Pharmacol.* 2016 Feb 18;7:31.

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

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