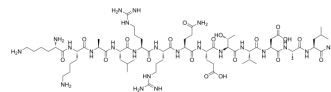


## Autocamtide 2, amide

**Cat. No.:** HY-P1528  
**Molecular Formula:** C<sub>65</sub>H<sub>119</sub>N<sub>23</sub>O<sub>19</sub>  
**Molecular Weight:** 1526.78  
**Sequence:** Lys-Lys-Ala-Leu-Arg-Arg-Gln-Glu-Thr-Val-Asp-Ala-Leu-NH<sub>2</sub>  
**Sequence Shortening:** KKALRRQETVDAL-NH<sub>2</sub>  
**Target:** CaMK; Autophagy  
**Pathway:** Neuronal Signaling; Autophagy  
**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 : 50 mg/mL (32.75 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		0.6550 mL	3.2749 mL	6.5497 mL
	5 mM		0.1310 mL	0.6550 mL	1.3099 mL
	10 mM		0.0655 mL	0.3275 mL	0.6550 mL

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

### BIOLOGICAL ACTIVITY

**Description**      Autocamtide 2, amide is a substrate (100 μM final concentration) for CaMK family assays.

**IC<sub>50</sub> & Target**      CaMK

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

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