

## Myristoyl-(Lys12,27,28)-VIP-Gly-Gly-Thr free acid

<b>Cat. No.:</b>	HY-P5111
<b>CAS No.:</b>	2243219-86-3
<b>Molecular Formula:</b>	C <sub>171</sub> H <sub>283</sub> N <sub>45</sub> O <sub>47</sub> S
<b>Molecular Weight:</b>	3753.42
<b>Sequence:</b>	{Myr}-HSDAVFTDNYTKLRQMAVKKYLNSIKKGGT Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Lys-Lys-Gly-Gly-Thr
<b>Sequence Shortening:</b>	{Myr}-HSDAVFTDNYTKLRQMAVKKYLNSIKKGGT
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	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 : 25 mg/mL (6.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.2664 mL	1.3321 mL	2.6642 mL
	5 mM	0.0533 mL	0.2664 mL	0.5328 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

Myristoyl-(Lys12,27,28)-VIP-Gly-Gly-Thr (free acid) is a high-affinity and selective VPAC2 receptor antagonist<sup>[1]</sup>.

### REFERENCES

[1]. Moreno D, et al. Development of selective agonists and antagonists for the human vasoactive intestinal polypeptide VPAC(2) receptor. Peptides. 2000 Oct;21(10):1543-9.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA