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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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VIPhyb

| | | |
|-----------------------------|---|--|
| Cat. No.: | HY-P5005 | |
| CAS No.: | 125093-93-8 | |
| Molecular Formula: | C ₁₅₄ H ₂₅₇ N ₄₉ O ₄₀ S | |
| Molecular Weight: | 3467.06 | KPRRPYTDNYTRLRKQM AVKKYLNSILN-NH2 |
| Sequence: | Lys-Pro-Arg-Arg-Pro-Tyr-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH2 | |
| Sequence Shortening: | KPRRPYTDNYTRLRKQMAVKKYLNSILN-NH2 | |
| Target: | Biochemical Assay Reagents | |
| Pathway: | Others | |
| 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

DMSO : 100 mg/mL (28.84 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|--------------------------|-----------|-----------|-----------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 0.2884 mL | 1.4421 mL | 2.8843 mL |
| | 5 mM | 0.0577 mL | 0.2884 mL | 0.5769 mL |
| | 10 mM | 0.0288 mL | 0.1442 mL | 0.2884 mL |

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

BIOLOGICAL ACTIVITY

Description

VIPhyb (compound VIPhyb) is a vasoactive intestinal polypeptide (VIP) receptor antagonist that can be used in the study of cancers such as non-small cell lung cancer (NSCLC)^[1].

REFERENCES

[1]. Moody TW, et al. (Stearyl, Norleucine17)VIP hybrid antagonizes VIP receptors on non-small cell lung cancer cells. Life Sci. 1997;61(17):1657-66.

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

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