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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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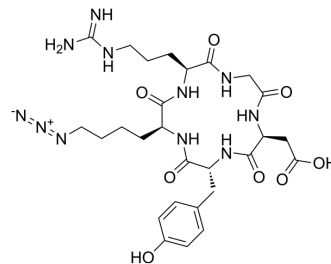
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Cyclo(Arg-Gly-Asp-D-Tyr-ε-azido-Nle)

Cat. No.:	HY-P5025
CAS No.:	1392269-21-4
Molecular Formula:	C ₂₇ H ₃₉ N ₁₁ O ₈
Molecular Weight:	645.67
Sequence:	Cyclo(Arg-Gly-Asp-{d-Tyr}-{ε-Azido-Nle})
Sequence Shortening:	Cyclo(RGD-{d-Tyr}-{ε-Azido-Nle})
Target:	Others
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 (154.88 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5488 mL	7.7439 mL	15.4878 mL
	5 mM	0.3098 mL	1.5488 mL	3.0976 mL
	10 mM	0.1549 mL	0.7744 mL	1.5488 mL

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

BIOLOGICAL ACTIVITY

Description

Cyclo(Arg-Gly-Asp-D-Tyr-ε-azido-Nle) (Azido-c(RGDyK)) is a polypeptide composed of arginine, glycine, aspartic acid, and tyrosine that can be used for Synthesis of [¹⁸F]FPyKYNE-c(RGDyK)^[1].

REFERENCES

[1]. Valdivia A C, et al. A fast, simple, and reproducible automated synthesis of [¹⁸F] FPyKYNE-c (RGDyK) for αβ3 receptor positron emission tomography imaging[J]. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55(2): 57-60.

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

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