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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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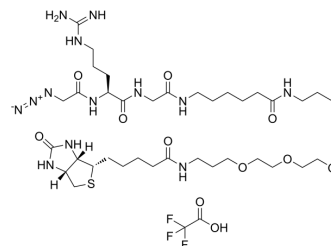
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Biotin-C1-PEG3-C3-amido-C5-Gly-Arg-Gly-N3 TFA

Cat. No.:	HY-131455A
Molecular Formula:	C ₃₈ H ₆₆ F ₃ N ₁₃ O ₁₁ S
Molecular Weight:	970.07
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (103.09 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0309 mL	5.1543 mL	10.3085 mL
	5 mM	0.2062 mL	1.0309 mL	2.0617 mL
	10 mM	0.1031 mL	0.5154 mL	1.0309 mL

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

BIOLOGICAL ACTIVITY

Description

Biotin-C1-PEG3-C3-amido-C5-Gly-Arg-Gly-N3 TFA is used for detection of modification site for N-myristoylated and GPI-anchored proteins in blood-stage *P. falciparum*^[1]. Biotin-C1-PEG3-C3-amido-C5-Gly-Arg-Gly-N3 (TFA) is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Malgorzata Broncel, et al. Multifunctional reagents for quantitative proteome-wide analysis of protein modification in human cells and dynamic profiling of protein lipidation during vertebrate development. *Angew Chem Int Ed Engl.* 2015 May 11;54(20):5948-51.

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

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