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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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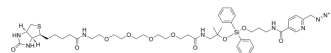
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Biotin-PEG4-dialkoxydiphenylsilane-picolyl azide

Cat. No.:	HY-145383
CAS No.:	2599839-59-3
Molecular Formula:	C ₄₇ H ₆₇ N ₉ O ₁₀ SSi
Molecular Weight:	978.24
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (102.22 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0222 mL	5.1112 mL	10.2224 mL
	5 mM	0.2044 mL	1.0222 mL	2.0445 mL
	10 mM	0.1022 mL	0.5111 mL	1.0222 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (2.56 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.56 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.56 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Biotin-PEG4-dialkoxydiphenylsilane-picolyl azide is a clickable, acid-cleavable biotin-picolyl azide. Biotin-PEG4-dialkoxydiphenylsilane-picolyl azide is an enrichment handle of cell surface glycoproteins for protein labeling^[1].

REFERENCES

- [1]. Benjamin Schumann, et al. Bump-and-Hole Engineering Identifies Specific Substrates of Glycosyltransferases in Living Cells. Mol Cell. 2020 Jun 4;78(5):824-834.e15.

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

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