



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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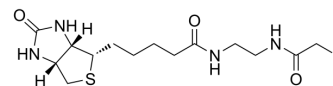
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N-(Biotinoyl)-N''-(iodoacetyl)ethylenediamine

Cat. No.:	HY-W835525
CAS No.:	216393-53-2
Molecular Formula:	C ₁₄ H ₂₃ IN ₄ O ₃ S
Molecular Weight:	454.33
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (55.03 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.2010 mL	11.0052 mL	22.0104 mL
	5 mM		0.4402 mL	2.2010 mL	4.4021 mL
	10 mM		0.2201 mL	1.1005 mL	2.2010 mL

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

BIOLOGICAL ACTIVITY

Description

N-(Biotinoyl)-N''-(iodoacetyl)ethylenediamine is a biotinylated biochemical assay reagent that forms a layer of biotin derivative on the surface of ORMOCER, and triggers the assembly of peptide nanostructured fibers. N-(Biotinoyl)-N''-(iodoacetyl)ethylenediamine can be used for 3D assembly of peptides in molecular electronics, biosensors, and tissue engineering^[1].

REFERENCES

[1]. Dinca V, et al., Directed three-dimensional patterning of self-assembled peptide fibrils. Nano Lett. 2008 Feb;8(2):538-43.

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

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