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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CGGRGD acetate(1260223-44-6 free base)

Chemical Properties

CAS No. :

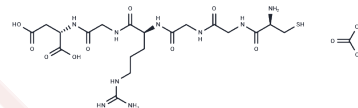
Formula: C₂₁H₃₇N₉O₁₁S

Molecular Weight: 623.65

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CGGRGD acetate is a RGD derivative with cysteine as the n-terminal. CGGRGD was synthesized by solid phase peptide synthesis technology, and amino-2-cyanobenzothiazole (2-cyanobenzothiazole) (CBT) was added on the surface of PCL fiber for ammoniation.
Targets(IC ₅₀)	Others
In vitro	CGGRGD is a characteristic sequence of fibronectin that binds to the receptors on cell surface (PCL) is a popular materials for tissue engineering due to its optimal biocompatibility, biodegradability, and thermoplastic characteristics[1].

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6035 mL	8.0173 mL	16.0346 mL
5 mM	0.3207 mL	1.6035 mL	3.2069 mL
10 mM	0.1603 mL	0.8017 mL	1.6035 mL
50 mM	0.0321 mL	0.1603 mL	0.3207 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Wenting Zhen, et al.Functionalization of PCL fibrous membrane with RGD peptide

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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