

Integrin Binding Peptide acetate

Chemical Properties

CAS No. :

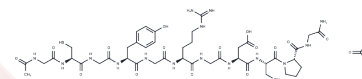
Formula: C42H63N15O16S.xC2H4O2

Molecular Weight:

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Integrin Binding Peptide acetate is a synthetic peptide derived from the fibronectin protein that selectively binds integrins. Integrin Binding Peptide acetate can be employed as a functional biomolecule in the preparation of PEG-based hydrogels, providing a biologically active interface for cell adhesion, migration, and mechanotransduction studies in tissue engineering and regenerative medicine.
Targets(IC50)	Integrin

Reference

Raeber GP, et, al. Molecularly engineered PEG hydrogels: a novel model system for proteolytically mediated cell migration. Biophys J. 2005 Aug; 89(2): 1374-88.

Kraehenbuehl TP, et, al. Three-dimensional extracellular matrix-directed cardioprogenitor differentiation: systematic modulation of a synthetic cell-responsive PEG-hydrogel. Biomaterials. 2008 Jun;29(18):2757-66.

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