

Hyaluronan-binding peptide, biotin labeled

Chemical Properties

CAS No. :

Formula:

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

Biotin-labeled Hyaluronan-binding Peptide is a biologically active peptide conjugated with biotin via a C-terminal GGGSK linker. It interacts with the non-sulfated glycosaminoglycan hyaluronan (HA), prominent in the extracellular matrix and on cellular surfaces, involved in processes such as fertilization, embryonic development, wound healing, angiogenesis, leukocyte migration, and cancer metastasis. The peptide impedes HA's interaction with CD44 receptors and curtails T cell proliferation.

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