

DOTAGA-FAP-2286-ALB

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

DOTAGA-FAP-2286-ALB is a derivative of Rofapitide tetraxetan. It functions as a selective inhibitor of fibroblast activation protein (FAP) with an IC50 value of 67.5 nM. By interacting with albumin, DOTAGA-FAP-2286-ALB enhances tumor retention, prolongs circulation time in the bloodstream, and improves the stability of radiometal complexes [such as 111In and 225Ac]. This compound shows promise for use in targeted radionuclide therapy (TRT) research for FAP-positive solid tumors.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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