

Abstract:

Disclosed in the present invention are a FAP-targeting compound, and a radionuclide-labeled complex based thereon and a preparation method therefor and the use thereof. The FAP-targeting compound has a structure as shown in formula (I), and has high affinity for a FAP target. A radiopharmaceutical obtained by means of labeling the FAP-targeting compound with a radionuclide such as ^{68}Ga shows higher tumor uptake and longer tumor retention time, and can be used for the application and further development of FAP-targeting drugs.

[No suitable figure]