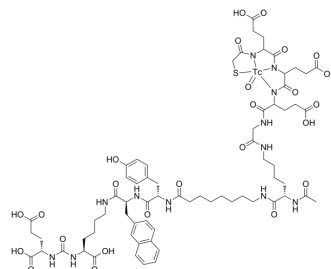


Tc-BQ0413

Cat. No.:	HY-172367
Molecular Formula:	C ₆₉ H ₉₂ N ₁₂ O ₂₅ STc
Molecular Weight:	1620.51
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tc-BQ0413 exhibits binds specifically to prostate-specific membrane antigen (PSMA) with good affinity. Tc-BQ0413 can be used as a single-photon emission computed tomography (SPECT) imaging agent, when labeled with technetium-99m^[1].

REFERENCES

[1]. Medvedeva A, et al. Single-Photon Emission Computer Tomography Imaging of Prostate-Specific Membrane Antigen (PSMA) Expression in Prostate Cancer Patients Using a Novel Peptide-Based Probe [99mTc] Tc-BQ0413 with Picomolar Affinity to PSMA: A Phase I/II Clinical Study[J]. ACS Pharmacology & Translational Science, 2025.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA