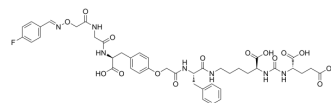


PSMA-IN-3

Cat. No.:	HY-149869
Molecular Formula:	C ₄₃ H ₅₀ FN ₇ O ₁₅
Molecular Weight:	923.89
Target:	PSMA
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PSMA-IN-3 (compound 17) is a novel high-affinity PSMA inhibitor with an IC₅₀ value of 13 nM. PSMA-IN-3 is suitable for developing an ¹⁸F-labeled radioligand for PET imaging of PSMA in prostate cancer^[1].

REFERENCES

[1]. Gade NR, et al. N-Alkyl Carbamoylimidazoles as Versatile Synthons for the Synthesis of Urea-Based PSMA Inhibitors. ACS Med Chem Lett. 2023 Jun 9;14(7):943-948.

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 Q, Monmouth Junction, NJ 08852, USA