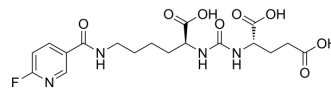


Piflufolastat

Cat. No.:	HY-117756
CAS No.:	1423758-00-2
Molecular Formula:	C ₁₈ H ₂₃ FN ₄ O ₈
Molecular Weight:	442.4
Target:	PSMA
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Piflufolastat (DCFPYL) can be used to the preparation of piflufolastat F 18 (DCFPyL F-18). piflufolastat F 18. Piflufolastat F-18 is an 18F-labelled diagnostic imaging agent. Piflufolastat F-18 can be used for positron emission tomography (PET) that targets prostate-specific membrane antigen (PSMA)^[1].

REFERENCES

[1]. Keam SJ, et al. Piflufolastat F 18: Diagnostic First Approval. *Mol Diagn Ther.* 2021 Sep;25(5):647-656.

[2]. Ying Chen, et al. 2-(3-[1-Carboxy-5-[(6-[18F]fluoro-pyridine-3-carbonyl)-amino]-pentyl]-ureido)-pentanedioic acid, [18F]DCFPyL, a PSMA-based PET imaging agent for prostate cancer. *Clin Cancer Res.* 2011 Dec 15;17(24):7645-53.

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