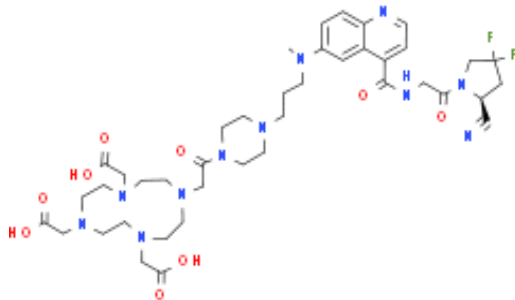


Product Data Sheet

Cas No.:	2374782-04-2	Cat. No:	PL03668
Product Name:	FAPI-46		
Product synonym:	-		
Chemical name:	FAPI-46		
MF:	C41H57F2N11O9	FW:	885.9564
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	FC1(C([H])([H])N(C(C([H])([H])N([H])C(C2C([H])=C([H])N=C3C([H])=C([H])C=C([H])C=23)N(C([H])([H])([H])C([H])([H])C([H])([H])C([H])([H])N2C([H])([H])C([H])([H])N(C(C([H])([H])N3C([H])([H])C([H])([H])N(C([H])([H])C(=O)O[H])C([H])([H])C([H])([H])N(C([H])([H])C(=O)O[H])C([H])([H])C([H])([H])N(C([H])([H])C(=O)O[H])C([H])([H])C3([H])([H])=O)C([H])([H])C2([H])([H])=O)O)[C@]([H])([H])(C#N)C1([H])([H])F		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

FAPI-46 是一种基于喹啉的靶向成纤维细胞活化蛋白 (FAP) 的放射性示踪剂。FAPI-46 具有更高的肿瘤吸收率和增长的肿瘤积累时间。FAPI-46 可用于多种不同癌症的肿瘤成像。

生物活性	FAPI-46 is a quinoline-based fibroblast activation protein (FAP)-targeted radiotracer. FAPI-46 has higher tumor uptake and prolonged tumor accumulation. FAPI-46 can be used for tumor imaging of a multitude of different cancers.
IC50 & Target[1][2]	fibroblast activation protein (FAP)
体外研究(In Vitro)	FAPI-46 (1-24 h) robustly binds to human FAP in human FAP-expressing HT-1080 cells. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	FAPI-46 (i.v.) shows improved ratios of tumor to liver, kidney, and brain uptake, resulting in an enhanced image contrast for PET imaging. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

溶解度数据	In Vitro: H ₂ O : 100 mg/mL (112.87 mM; Need ultrasonic)DMSO : 100 mg/mL (112.87 mM; Need ultrasonic)配制储备液
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