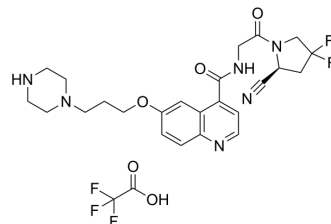


FAP-IN-2 TFA

Cat. No.:	HY-47979A
Molecular Formula:	C ₂₆ H ₂₉ F ₅ N ₆ O ₅
Molecular Weight:	600.54
Target:	FAP
Pathway:	Immunology/Inflammation
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (416.29 mM; ultrasonic and warming and heat to 60°C)
H₂O : 125 mg/mL (208.15 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.6652 mL	8.3258 mL	16.6517 mL
	5 mM		0.3330 mL	1.6652 mL	3.3303 mL
	10 mM		0.1665 mL	0.8326 mL	1.6652 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

FAP-IN-2 TFA is a ^{99m}Tc-labeled isocyanide-containing fibroblast activation protein inhibitor (FAP) derivative that can be used for tumor imaging^[1].

REFERENCES

[1]. Zhang JB, et al. Preparation method of technetium-99m-labeled isocyanide-containing fibroblast activation protein inhibitor (FAP) derivative for use as tumor imaging agent in nuclear medicine. China, CN112409414 A. 2021-02-26.

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

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