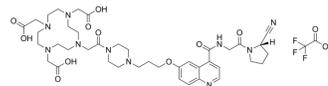


FAPI-2 TFA

Cat. No.:	HY-128642A
Molecular Formula:	C ₄₂ H ₅₇ F ₃ N ₁₀ O ₁₂
Molecular Weight:	950.96
Target:	FAP
Pathway:	Immunology/Inflammation
Storage:	4°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 : 200 mg/mL (210.31 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.0516 mL	5.2578 mL	10.5157 mL
		5 mM		0.2103 mL	1.0516 mL	2.1031 mL
10 mM		0.1052 mL	0.5258 mL	1.0516 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (5.26 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (5.26 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (5.26 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	FAPI-2 TFA is a fibroblast activation protein (FAP) inhibitor with potential use in cancer research ^[1] .
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REFERENCES

[1]. Giesel FL, et al. 68Ga-FAPI PET/CT: Biodistribution and Preliminary Dosimetry Estimate of 2 DOTA-Containing FAP-Targeting Agents in Patients with Various Cancers. J Nucl Med. 2019 Mar;60(3):386-392.

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

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