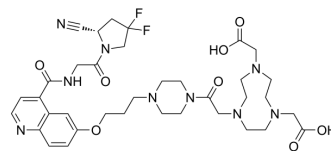


NOTA-FAPI

Cat. No.:	HY-136641
CAS No.:	2374782-03-1
Molecular Formula:	C ₃₆ H ₄₇ F ₂ N ₉ O ₈
Molecular Weight:	771.81
Target:	FAP
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (129.57 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.2957 mL	6.4783 mL	12.9566 mL
				5 mM	0.2591 mL	1.2957 mL	2.5913 mL
10 mM				0.1296 mL	0.6478 mL	1.2957 mL	
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.24 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.24 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.24 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	NOTA-FAPI is a fibroblast activation protein (FAP) inhibitor. NOTA-FAPI can be used as a probe for FAP-targeted tumour imaging. NOTA-FAPI has good tumour detection efficacy and excellent imaging quality ^[1] .
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REFERENCES

[1]. Wang S, et al. Clinical translational evaluation of Al18F-NOTA-FAPI for fibroblast activation protein-targeted tumour imaging. Eur J Nucl Med Mol Imaging. 2021 Dec;48(13):4259-4271.

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