

FAP-IN-7

## Chemical Properties

CAS No. : 3020777-28-7  
Formula: C<sub>26</sub>H<sub>33</sub>F<sub>9</sub>N<sub>5</sub>O<sub>5</sub>P  
Molecular Weight: 697.54  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	FAP-IN-7 (Compound 5b) is a FAP inhibitor. The <sup>18</sup> F-labeled version of FAP-IN-7 improves tumor retention and demonstrates high selectivity along with favorable pharmacokinetics. It can serve as a radioactive tracer for cancer PET imaging and radionuclide therapy research.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4336 mL	7.168 mL	14.3361 mL
5 mM	0.2867 mL	1.4336 mL	2.8672 mL
10 mM	0.1434 mL	0.7168 mL	1.4336 mL
50 mM	0.0287 mL	0.1434 mL	0.2867 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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