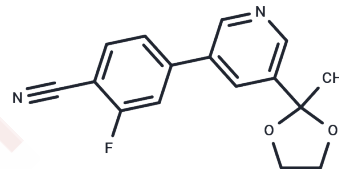


CYP11B2-IN-2

Chemical Properties

CAS No. : 2241573-22-6
 Formula: C₁₆H₁₃FN₂O₂
 Molecular Weight: 284.29
 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	CYP11B2-IN-2 (Compound 10k), an inhibitor of the enzyme aldosterone synthase CYP11B2, exhibits a potent IC ₅₀ of 0.3 nM and holds potential as an ¹⁸ F-labeled PET tracer for diagnosing primary aldosteronism.
Targets(IC ₅₀)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5175 mL	17.5877 mL	35.1753 mL
5 mM	0.7035 mL	3.5175 mL	7.0351 mL
10 mM	0.3518 mL	1.7588 mL	3.5175 mL
50 mM	0.0704 mL	0.3518 mL	0.7035 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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