

CYP4A11/CYP4F2-IN-2

## Chemical Properties

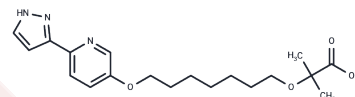
CAS No. : 2280834-99-1

Formula: C19H27N3O4

Molecular Weight: 361.44

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	CYP4A11/CYP4F2-IN-2 (compound 15) serves as an orally administered inhibitor targeting CYP4A11/4F2, exhibiting IC50 values of 120 nM and 220 nM, respectively. This compound effectively suppresses 20-HETE production within the rat kidney and shows promise in mitigating the progression of diabetic nephropathy and autosomal dominant polycystic kidney disease [1].
Targets(IC50)	Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7667 mL	13.8336 mL	27.6671 mL
5 mM	0.5533 mL	2.7667 mL	5.5334 mL
10 mM	0.2767 mL	1.3834 mL	2.7667 mL
50 mM	0.0553 mL	0.2767 mL	0.5533 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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