

CES2A-IN-3

Chemical Properties

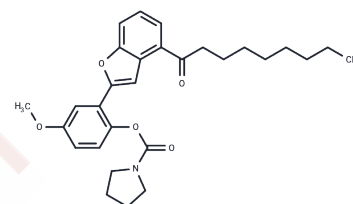
CAS No. : 3037959-47-7

Formula: C₂₉H₃₅NO₅

Molecular Weight: 477.59

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	CES2A-IN-3 (Compound 9d) is a potent covalent inhibitor targeting human carboxylesterase 2A (hCES2A) with an IC ₅₀ value of 0.12 nM. It shows promise for research into diarrhea and ulcerative colitis.
Targets(IC ₅₀)	Lipid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0938 mL	10.4692 mL	20.9385 mL
5 mM	0.4188 mL	2.0938 mL	4.1877 mL
10 mM	0.2094 mL	1.0469 mL	2.0938 mL
50 mM	0.0419 mL	0.2094 mL	0.4188 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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