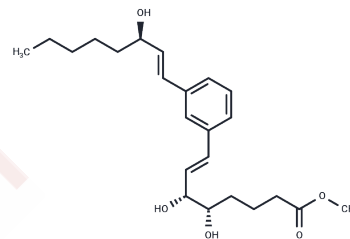


NAP1051

Chemical Properties

CAS No. : 864516-77-8
 Formula: C₂₃H₃₄O₅
 Molecular Weight: 390.51
 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	NAP1051, a biomimetic analog of Lipoxin A4, serves an anti-tumor role by targeting the inflammatory tumor microenvironment. It inhibits the chemotaxis of neutrophils to fMLP and stimulates macrophage efferocytosis by activating AKT. NAP1051 is utilized in research on colorectal cancer.
Targets(IC50)	Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5608 mL	12.8038 mL	25.6075 mL
5 mM	0.5122 mL	2.5608 mL	5.1215 mL
10 mM	0.2561 mL	1.2804 mL	2.5608 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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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