

Clesacostat tromethamine

Chemical Properties

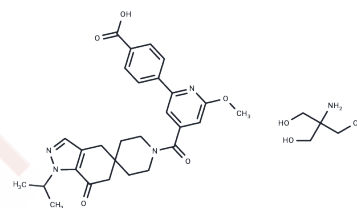
CAS No. : 2334472-62-5

Formula: C₃₂H₄₁N₅O₈

Molecular Weight: 623.7

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

Clesacostat (PF-05221304) is a potent and selective ACC inhibitor, with hACC1 IC₅₀ of 13 nM and hACC2 IC₅₀ of 9 nM. In animal models, PF-05221304 specifically inhibits hepatic DNL and demonstrates a significant safety margin for thrombocytopenia in non-human primate models.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6033 mL	8.0167 mL	16.0333 mL
5 mM	0.3207 mL	1.6033 mL	3.2067 mL
10 mM	0.1603 mL	0.8017 mL	1.6033 mL
50 mM	0.0321 mL	0.1603 mL	0.3207 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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