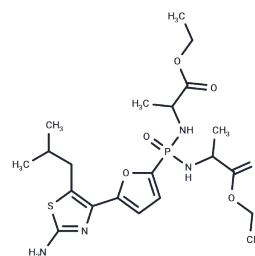


(Rac)-Managlinat dialanetil

Chemical Properties

CAS No. :	347870-26-2
Formula:	C ₂₁ H ₃₃ N ₄ O ₆ PS
Molecular Weight:	500.55
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	(Rac)-Managlinat dialanetil ((Rac)-MB06322) is the racemate of Managlinat dialanetil, an orally available and potent inhibitor of fructose 1,6-bisphosphatase (FBPase) used in research 2 type diabetes.
Targets(IC50)	Others,DHFR
In vivo	After oral administration, in Zucker diabetic fatty (ZDF) rats, Managlinat dialanetil dose-dependently inhibits GNG as well as lower basal and postprandial blood glucose levels [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9978 mL	9.989 mL	19.978 mL
5 mM	0.3996 mL	1.9978 mL	3.9956 mL
10 mM	0.1998 mL	0.9989 mL	1.9978 mL
50 mM	0.040 mL	0.1998 mL	0.3996 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.

Reference

Wang Y, et al. Managlinat dialanetil, a fructose-1,6-bisphosphatase inhibitor for the treatment of type 2 diabetes. *Curr Opin Investig Drugs*. 2007 Oct;8(10):849-58.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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