
Product Data Sheet

Product Name: Managlinat dialanetil

Cat. No.: GC67950

Chemical Properties

Cas. No. 280782-97-0

Formula $C_{21}H_{33}N_4O_6PS$ M.Wt 500.55

Solubility DMSO : 25 mg/mL (49.95 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Managlinat dialanetil (MB06322) is an orally bioavailable inhibitor of **fructose 1,6-bisphosphatase (FBPase)** for the treatment of type 2 diabetes^[1] [2].

Managlinat dialanetil dose-dependently inhibits GNG as well as lower basal and postprandial blood glucose levels in Zucker diabetic fatty (ZDF) rats after oral administration^[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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