
Product Data Sheet

Product Name: MB-07729

Cat. No.: GC31585

Chemical Properties

Cas. No. 882755-95-5

SMILES CC(C)(C)C(C1=C(C2=CC=C(P(O)(O)=O)O2)N=C(N)S1)=OFormula C₁₂H₁₅N₂O₅PS M.Wt 330.3

Solubility Soluble in DMSO 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**

MB-07729 is a potent fructose 1,6-bisphosphatase (FBPase) noncompetitive inhibitor with IC₅₀ values of 31, 121, and 189 nM for human, monkey, and rat, respectively.

[1]. PAUL D. VAN POELJE et al. MB07803, a Prodrug of a Second Generation Fructose-1,6-Bisphosphatase Inhibitor, Lowers Blood Glucose in Diabetic Rodents and in Cynomolgus Monkeys.

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

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