
Product Data Sheet

Product Name: (E/Z)-Methyl mycophenolate

Cat. No.: GC60403

Chemical Properties

Cas. No. 24243-40-1

SMILES O=C(OC)CC/C(C)=C/CC1=C(O)C2=C(COC2=O)C(C)=C1OCFormula $C_{18}H_{22}O_6$ M.Wt 334.36

Solubility 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 (E/Z)-Methyl mycophenolate

Background

(E/Z)-Methyl mycophenolate is a racemic compound of (Z)-Methyl mycophenolate and (E)-Methyl mycophenolate isomers. Methyl mycophenolate is a methyl ester of mycophenolic acid. Methyl mycophenolate can be used to synthesize mycophenolic acid β -D-glucuronide and phenolic glycosides[1][2].

[1]. Amy E. Jones, et al. Convenient syntheses of the in vivo carbohydrate metabolites. Tetrahedron Letters. 50 (2009): 4973-4977. [2]. Ando K, et al. Synthesis of mycophenolic acid beta-D-glucuronide and its antitumor activity. J Antibiot (Tokyo). 1970 Aug;23(8):408-13.

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

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