

(E/Z)-Methyl mycophenolate

Chemical Properties

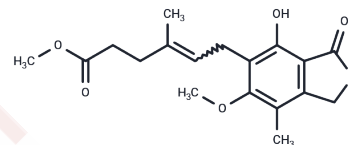
CAS No. : 24243-40-1

Formula: C₁₈H₂₂O₆

Molecular Weight: 334.36

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	Methyl mycophenolate, a methyl ester of mycophenolic acid, serves as a precursor for synthesizing mycophenolic acid β-D-glucuronide and various phenolic glycosides. It exists as a racemic mixture comprising (E)- and (Z)-isomers, known as (E/Z)-Methyl mycophenolate.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9908 mL	14.9539 mL	29.9079 mL
5 mM	0.5982 mL	2.9908 mL	5.9816 mL
10 mM	0.2991 mL	1.4954 mL	2.9908 mL
50 mM	0.0598 mL	0.2991 mL	0.5982 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

Amy E. Jones, et al. Convenient syntheses of the in vivo carbohydrate metabolites. Tetrahedron Letters. 50 (2009): 4973-4977.

Ando K, et al. Synthesis of mycophenolic acid beta-D-glucuronide and its antitumor activity. J Antibiot (Tokyo). 1970 Aug;23(8):408-13.

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