

Product Data Sheet

Product Name: Mycophenolic acid

Cat. No.: GC17121

Chemical Properties

Cas. No. 24280-93-1

Chemical Name (E)-6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-1H-2-benzofuran-5-yl)-4-methylhex-4-enoic acid

SMILES CC1=C(C(=C(C2=C1COC2=O)O)CC=C(C)CCC(=O)O)OC

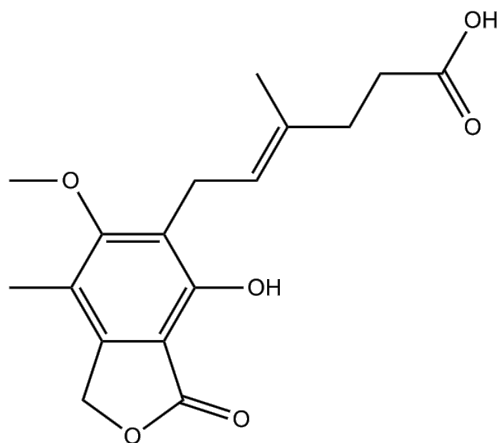
Formula $C_{17}H_{20}O_6$ M.Wt 320.34

Solubility $\geq 10.85\text{mg/mL}$ 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

Mycophenolic acid (Mycophenolate) is an immunosuppressant drug and has potent anti-proliferative activity.

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

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References:

- [1]. Diamond, M.S., M. Zachariah, and E. Harris, Mycophenolic acid inhibits dengue virus infection by preventing replication of viral RNA. *Virology*, 2002. 304(2): p. 211-21.
- [2]. Takhampunya, R., et al., Inhibition of dengue virus replication by mycophenolic acid and ribavirin. *J Gen Virol*, 2006. 87(Pt 7): p. 1947-52.

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