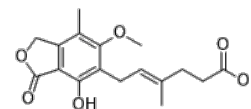


Product Name : Mycophenolic acid
Cat. No. : PC-28222
CAS No. : 24280-93-1
Molecular Formula : C₁₇H₂₀O₆
Molecular Weight : 320.34
Target : IMPDH
Solubility : 10 mM in DMSO



Biological Activity

Mycophenolic acid (MPA, Mycophenolate) is a potent, specific, reversible inosine monophosphate dehydrogenase (**IMPDH**) inhibitor with EC₅₀ of 0.24 μ M, inhibits de-novo purine synthesis required for nucleotide base formation, shows antifungal, antibacterial, and immunosuppressive properties.

References

- Lee HJ, et al. **Cancer Res.** 1985 Nov;45(11 Pt 1):5512-20.
Collart FR, et al. **Mol Cell Biol.** 1987 Sep;7(9):3328-31.
Sophie Domhan, et al. **Mol Cancer Ther.** 2008 Jun;7(6):1656-68.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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