

Mycophenolic acid, Immunosuppressant

Catalog	Unit
TBI2087-100MG	100 mg
TBI2087-500MG	500 mg

Product Details

Formal Name: 6-(4-Hydroxy-6-methoxy-7-methyl-3-oxo-5-phthalanyl)-4-methyl-4-hexanoic acid

Alternate Names: NSC129185

Molecular Formula: C₁₇H₂₀O₆

Formula Weight: 320.35

CAS Number: 24280-93-1

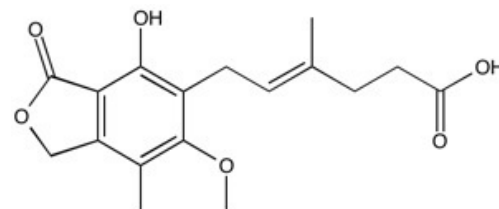
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 30 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

Immunosuppressant

Functions

Immunomodulator. Blocks the biosynthesis of guanine nucleotides via inhibition of inosine 5'-monophosphate dehydrogenase which suppresses the production of proinflammatory cytokines, nitric oxide and LDH in macrophages. Inhibits IL-2 -dependent T cell proliferation.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

For research use only.