

CERTIFICATE OF ANALYSIS

Date: 08-02-2026

Product Name	Mycophenolic Acid O-Methyl Impurity		
Chemical Name	(E)-6-(1,3-Dihydro-4,6-dimethoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoic acid		
Structure	<p>The chemical structure is a complex polycyclic compound. It features a central furan ring substituted with a methyl group (Me) at the 5-position. Attached to the furan ring is a cyclohexene ring, which is further substituted with a 4-methyl-4-hexenoate side chain. The side chain consists of a methyl group (Me) at the 4-position of the cyclohexene ring, a double bond between the 4 and 5 positions, and a 4-hydroxy-4-oxo-4-hexenoate group at the 6-position. The 4-hydroxy-4-oxo-4-hexenoate group is a carboxylic acid derivative with a hydroxyl group (OH) and a carbonyl group (C=O).</p>		
Batch No.	-	CAS No.	38877-93-9
Analysis Date	-	Retest Date	5
Mol. Formula	C ₁₈ H ₂₂ O ₆ S ₂	Molecular Wt.	334.4
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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