



Certificate of Analysis

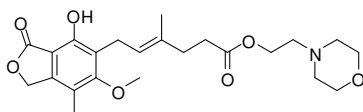
Axon Catalogue ID: 3498 **Batch Number:** 1

Product Name: Mycophenolate mofetil

Alternative Name(s): RS61443; TM-MMF

IUPAC Name: (E)-2-Morpholinoethyl 6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methylhex-4-enoate

Structure:



Amount:

CAS number(s): 128794-94-5

Molecular Formula: C₂₃H₃₁NO₇ **Molecular Weight:** 433.49

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Appearance: White solid **Observed mp:** 96 - 97.5 °C

TLC (R_f): 0.66 DCM/MeOH (20:1)

Chemical Purity: 99.6%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 63.73, H 7.21, N 3.23; Found: C 63.62, H 7.50, N 3.10

Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)	20.7	47.7	
0.1N HCl (aq)	37.3	86.1	
DMSO	43.3	>100 mM	* Warming (40°C) and sonication
EtOH	5.4	12.5	

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 28-10-2021

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only