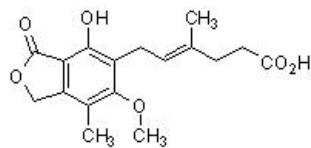


## Product datasheet

# Mycophenolic acid, Inosine monophosphate dehydrogenase inhibitor. ab120664

1 Image

### Overview

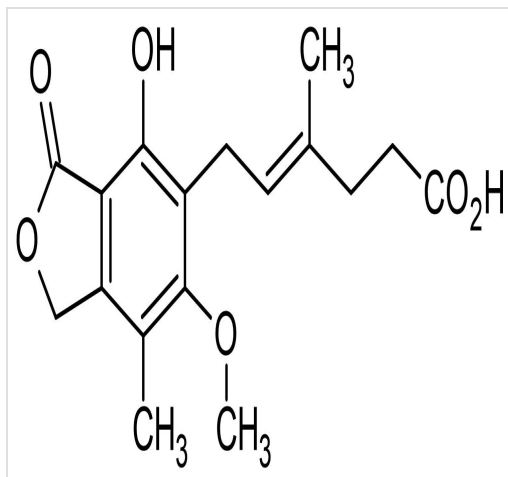
<b>Product name</b>	Mycophenolic acid, Inosine monophosphate dehydrogenase inhibitor.
<b>Description</b>	Immunosuppressant. Inosine monophosphate dehydrogenase inhibitor.
<b>Biological description</b>	Potent inosine monophosphate dehydrogenase inhibitor (IMPDH) ( $K_i$ values are 11 and 6 nM at IMPDH type I and II, respectively). Decreases RNA and DNA synthesis. Immunosuppressive agent. Shows antiviral and antitumor effects <i>in vitro</i> and <i>in vivo</i> .
<b>Purity</b>	> 99%
<b>CAS Number</b>	24280-93-1
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	(4E)-6-(1,3-dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoic acid
<b>Molecular weight</b>	320.34
<b>Molecular formula</b>	$C_{17}H_{20}O_6$
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab120664, Mycophenolic acid, Inosine monophosphate dehydrogenase inhibitor.

Chemical Structure - Mycophenolic acid, Inosine monophosphate dehydrogenase inhibitor.

(ab120664)

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