Mycophenolate mofetil

Immunosuppressant

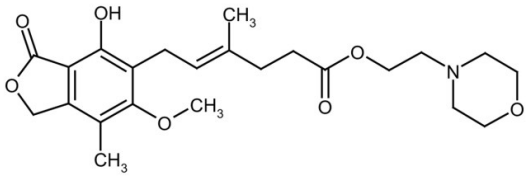
Mycophenolate mofetil (CellCept) is an immunosuppressant prodrug of mycophenolic acid, a fermentation product of *Penicillium brevicompactum*. Immunosuppression occurs via inhibition of type II inosine-5'-monophosphate dehydrogenase, depleting guanosine preferentially in T and B lymphocytes. In addition, mycophenolic acid displays anti-inflammatory activity by preventing NO production specifically from iNOS and by blocking glycosylation and expression of adhesion molecules and therefore recruitment of lymphocytes and monocytes to sites of inflammation.

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Ordering Information Order Online »

BML-IM101-0020	20mg

Manuals, SDS & CofA View Online »


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OH
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CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at +20°C. Solutions can be stored for up to 3 months at -20°C.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
CAS	128794-94-5
Couple Target	Inosine-5'-monophosphate dehydrogenase, NOS
Couple Type	Inhibitor
Formula	$C_{23}H_{31}NO_7$
MW	433.5
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml) or 100% ethanol (25mg/ml, warm).
Source	Isolated from *Penicillium brevicompactum.*

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