Monophosphoryl Lipid A from E. coli, Serotype R515 (Re) (TLRGRADE®) (Ready-to-Use)

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TLR4 activator

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ALX-581-203-L001	1ml
ALX-581-203-R500	500µl

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Keep sterile.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Activity	Activates TLR4 (Toll-like receptor 4). Does not activate TLR2 as determined with splenocytes and macrophages from TLR4 deficient mice. Exhibits reduced endotoxic and pyrogenic activity compared to lipid A and LPS.
Alternative Name	MPL-A from E. coli, Serotype R515 (Re)
Couple Target	TLR, TLR4
Couple Type	Activator, Ligand
Formulation	Liquid. Sterile, *ready-to-use* solution in pyrogen-free double distilled water.
Purity	≥99.9% (regarding protein or DNA contaminants; KDO not detectable)
Source	Isolated from *E. coli*, Serotype R515 (Re mutant). Prepared by acid hydrolysis from purified *E. coli*, Serotype R515 (Re) LPS (isolated by a modification of the PCP extraction method), converted to the uniform salt form and dissolved in sterile pyrogen-free double distilled water.

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