

Supplementary Materials for
**Selective TRIF-Dependent Signaling by a Synthetic Toll-Like Receptor
4 Agonist**

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Fig. S1. Comparison of the production of MyD88- and TRIF-dependent cytokines and chemokines by human monocytes treated with CRX-527, CRX-547, Re595 LPS, or sMLA.

Fig. S2. CRX-547 stimulates the production of lower amounts of IL-1 β by human PBMCs than does CRX-527.

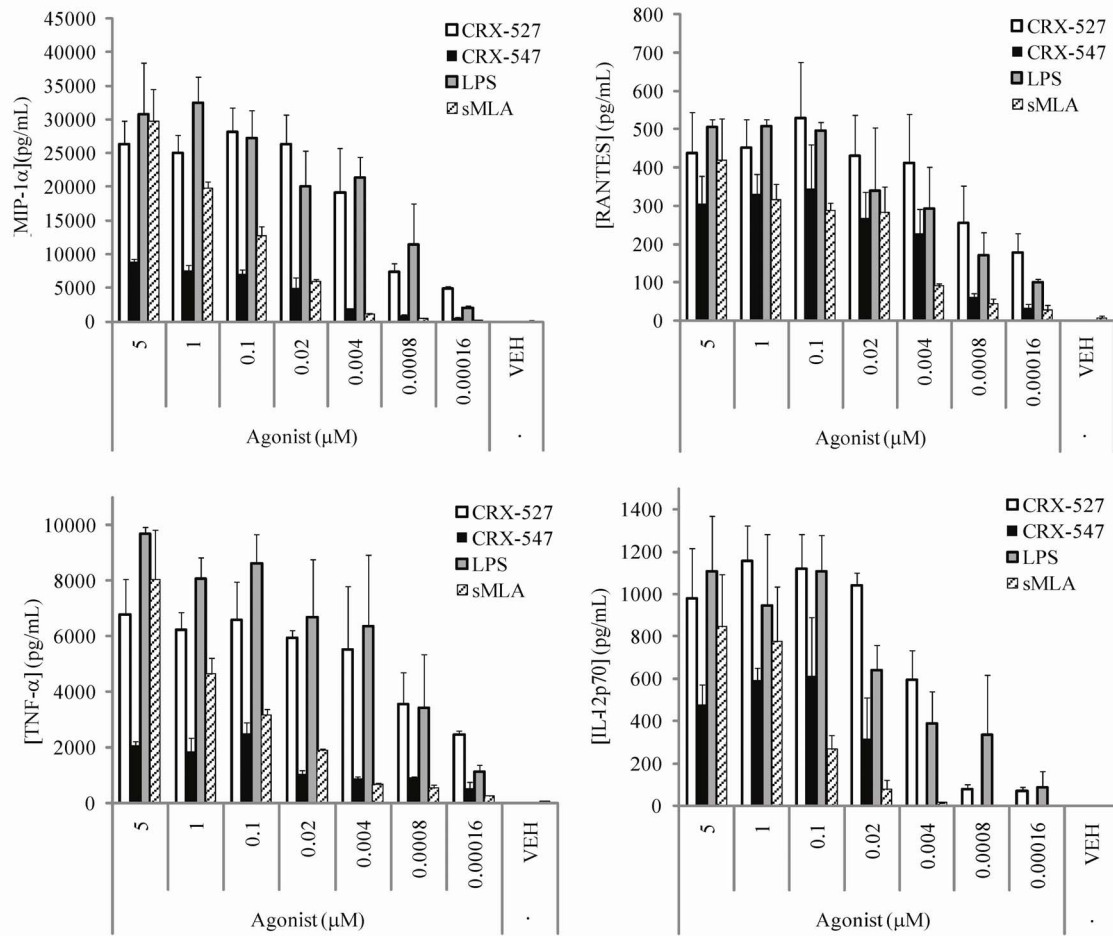


Fig. S1. Comparison of the production of MyD88- and TRIF-dependent cytokines and chemokines by human monocytes treated with CRX-527, CRX-547, Re595 LPS, or sMLA. Human PBMC-derived monocytes were treated with CRX-527, CRX-547, Re595 LPS, or synthetic MLA for 24 hours. Cell culture supernatants were then analyzed by Luminex for the presence of TNF- α and MIP-1 α (MyD88-dependent), RANTES (TRIF-dependent), and IL-12p70 (MyD88- and TRIF-dependent). Data are means \pm SD of three experimental replicates from a single donor and are representative of three independent donors.

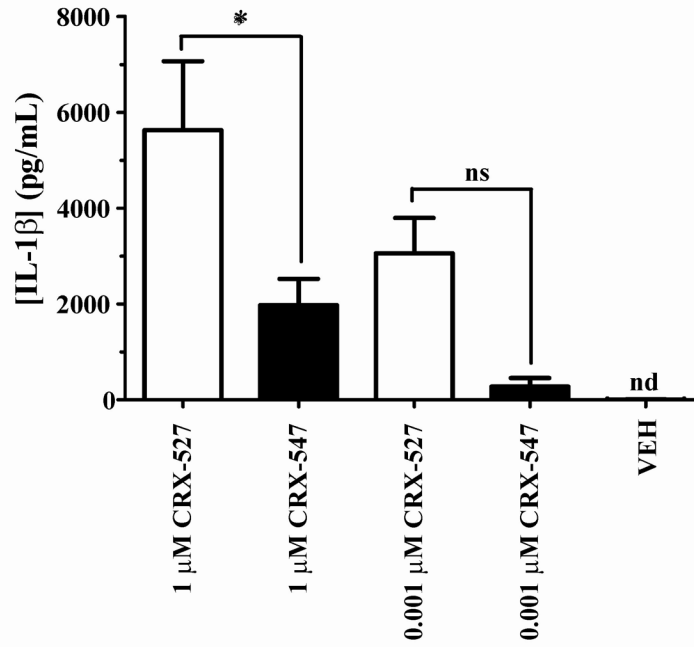


Fig. S2. CRX-547 stimulates the production of lower amounts of IL-1 β by human PBMCs than does CRX-527. IL-1 β production by human PBMCs in response to CRX-527 (1 μ M) was significantly different from that in response to CRX-547 (1 μ M). Data are means \pm SEM from four independent donors. * $P < 0.05$; ns, $P > 0.05$; nd, not detectable.