

Glycolipids (10µg/ml)	TNF-alpha (pg/ml)		IL-6 (pg/ml)	
	means	SD	means	SD
ISO	bdl	bdl	33	10
TDM natural mix	8902	1108	546	44
Trehalose dibehenate	6994	1271	562	85
cis-alpha TDM(JRMM337)	4389	1899	164	31
trans-alpha TDM (MMS144)	1560	474	143	24
trans-alpha TDM (MMS139)	1214	270	163	25
monoalkene-TDM (ST192)	4188	189	354	159
dialkene-TDM (ST198)	1867	246	168	40
cis-keto TDM (RT137)	3624	500	428	32
cis-keto TDM (AD132)	2267	1266	501	39
trans-keto TDM (RT82)	3569	522	221	70
cis-methoxy TDM (KB52)	11427	1012	735	18
cis-methoxy TDM (KB50)	6004	747	317	22
cis-methoxy TDM (AD104)	13802	945	1030	111
cis-methoxy TDM (JRMM324)	6379	1575	752	125
cis-methoxy-MA TDM (KB91)	4363	538	829	46
trans-methoxy TDM (RT126)	2503	389	428	32
hydroxy TDM (RT141)	2387	128	416	32
alpha and methoxy TDM (KB55)	6699	1737	358	46
cis-alpha TMM (JRMM336)	3489	616	304	61
trans-alpha TMM (MMS146)	3487	525	87	20
trans-alpha TMM (MMS140)	3732	243	163	15
monoalkene-TMM (ST165)	6467	931	447	19
dialkene-TMM (ST196)	2689	520	477	76
cis-keto TMM (RT136)	2460	90	471	39
cis-keto TMM (AD134)	6286	747	471	87
trans-keto TMM (RT86)	5167	935	485	49
cis-methoxy TMM (KB51)	2010	248	672	62
cis-methoxy TMM (KB49)	3441	426	948	11
cis-methoxy TMM (AD118)	10562	1520	730	91

Supplementary Table1: All the tested synthetic trehalose mycolate esters activate Bone Marrow derived Dendritic Cells (BMDCs)