

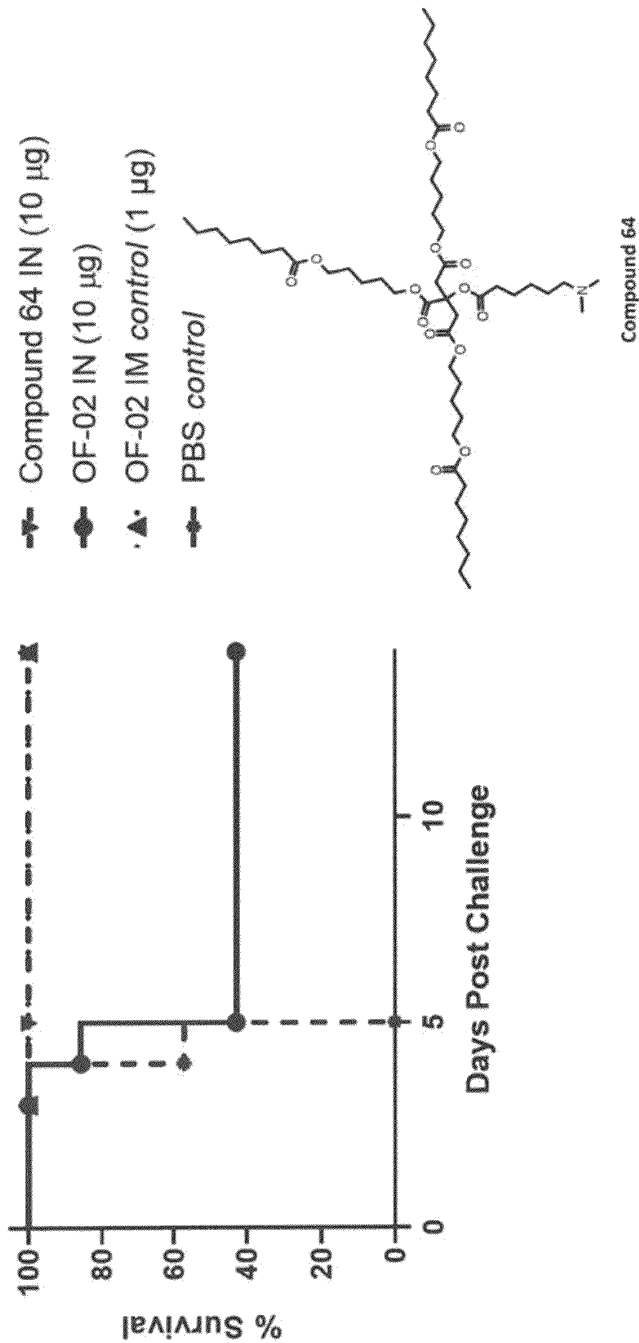


Figure 1

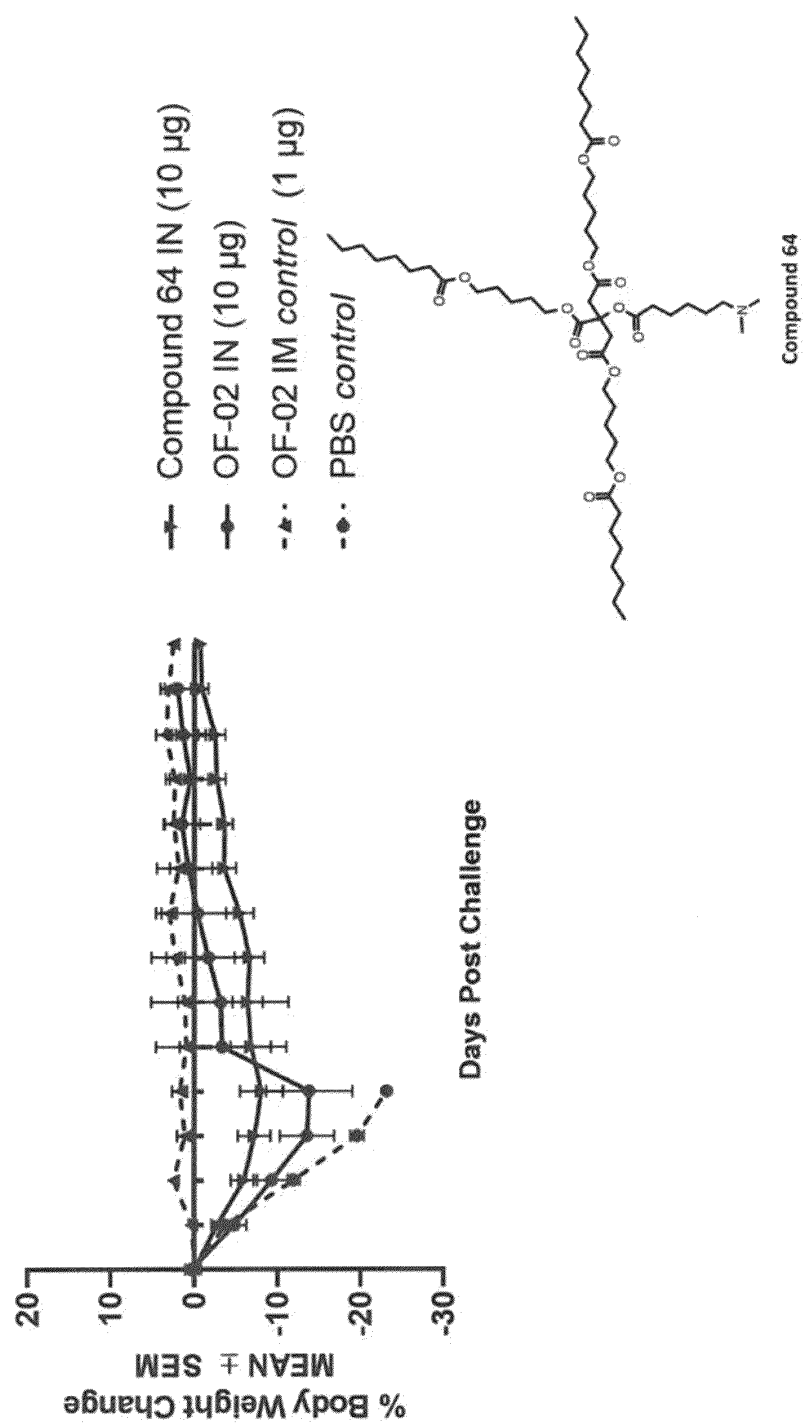
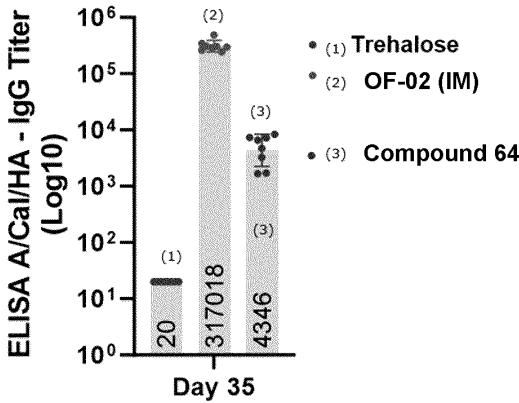


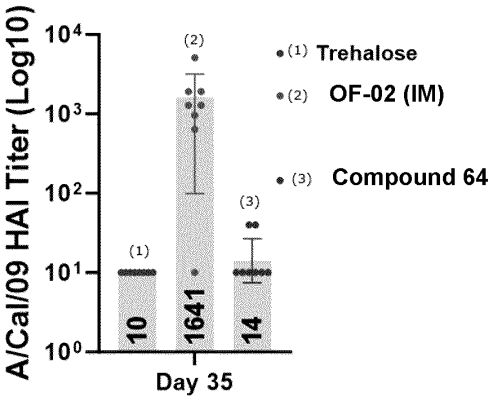
Figure 2

Figure 3

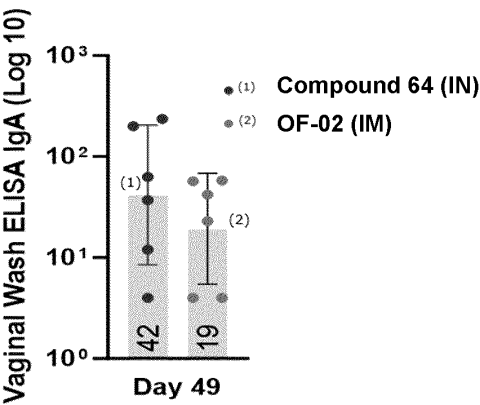
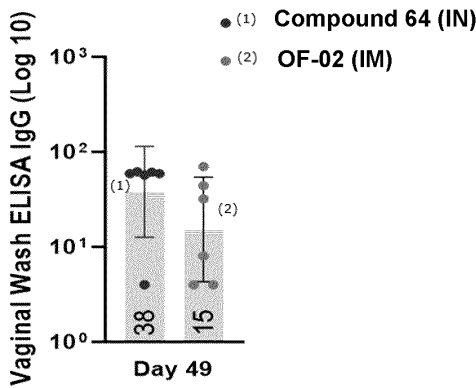
Serum IgG



Serum HAIs



Distant mucosal immunity
IgG/IgA expression in vaginal washes



BAL IgA

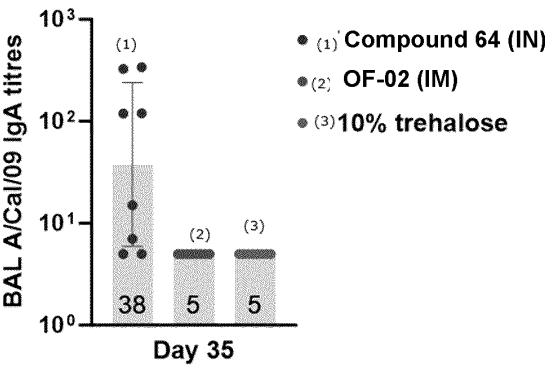
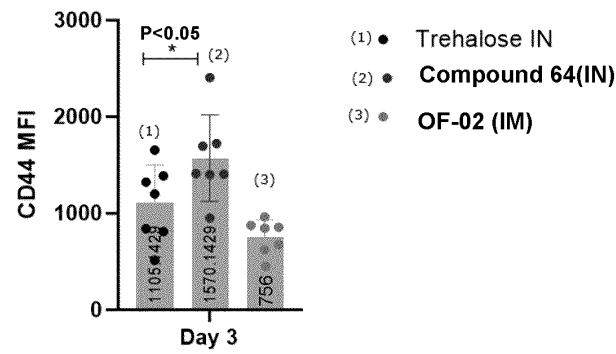


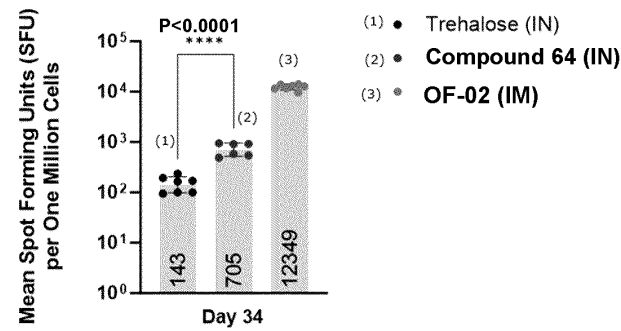
Figure 4

T cell activation

Splenic T Cell activation



IFN γ producing splenic T cells



Memory T cells

Lung CD4 memory T cells

