

Supporting Information

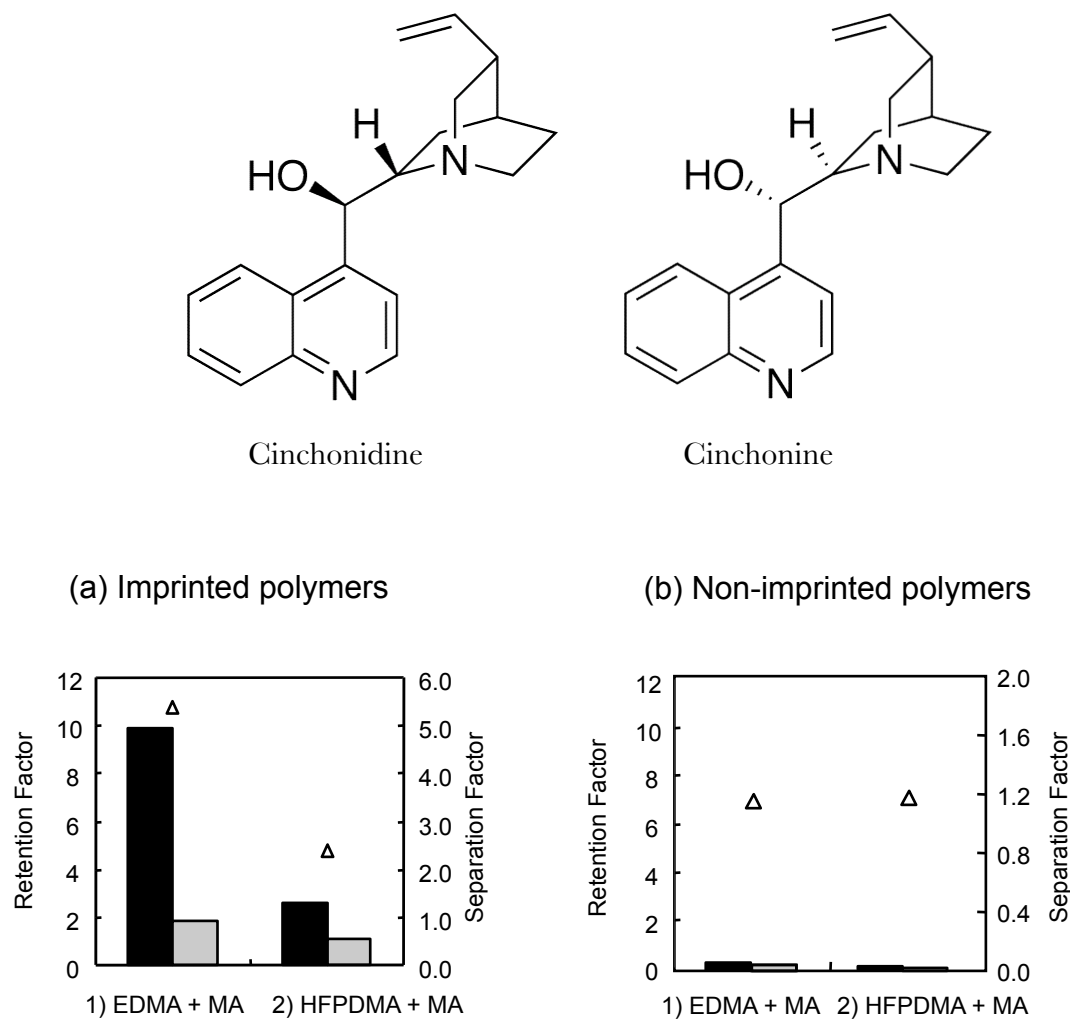


Figure 1S. Retention factor and selectivity factor (Δ) for cinchonidine (\blacksquare) and its diastereomer cinchonine (\blacklozenge) on (a) imprinted polymers and (b) non-imprinted blank polymers. The eluent was acetonitrile - acetic acid (97:3, v/v) at a flow rate of 1.0 mL min⁻¹. The polymers were prepared with 1) ethylene glycol dimethacrylate (EDMA) and methacrylic acid (MA) or 2) 2,2,3,3,4,4,-hexafluoropentan-1,5-diyl dimethacrylate (HFPDMA). The cinchonidine-imprinted polymer prepared with HFPDMA as crosslinker exhibited a selectivity for cinchonidine, although the imprinted polymer prepared with EDMA showed a higher separation factor, suggesting that the longer crosslinker, HFPDMA, is too flexible but still useful as a crosslinker in molecular imprinting.