



Extended Data Figure 2 | Pharmacology of the C5aR1 StaR compared to wild-type C5aR1. **a**, Competition assays by displacement of ^{125}I -radiolabelled C5a (^{125}I -C5a), by C5a, NDT9513727 and W54011 applied to membranes from HEK293T cells transiently expressing full-length (1–350) wild-type C5aR1. **b**, Competition assays by displacement of ^{125}I -C5a, by C5a, NDT9513727 and W54011 applied to membranes from

HEK293T cells transiently expressing the full-length (1–350) C5aR1 StaR. Data are mean ± s.e.m. from three biologically independent experiments **c**, Calculated pIC₅₀ values. Data are representative of three independent experiments ± s.e.m. **d–f**, 2D chemical structures of the small-molecule C5aR1 antagonists NDT9513727 (**d**), NDT9520492 (**e**) and W54011 (**f**).