Electronic Supplementary Material (ESI) for Dalton Transactions.

Bifunctional ^{64}Cu-labelled macrobicyclic cage amine isothiocyanates for immuno-positron emission tomography

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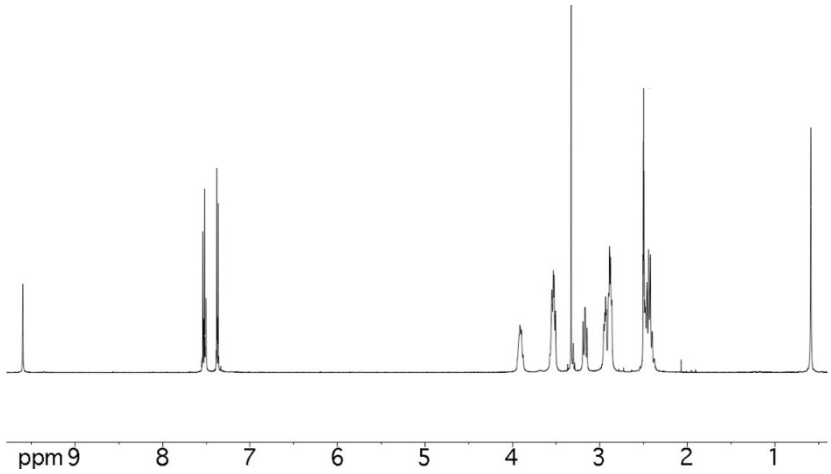

Figure S1: ^{1}H NMR spectrum of [Mg(CH$_3$)(*p*-NCS-Ph)sar](CF$_3$SO$_3$)$_2$

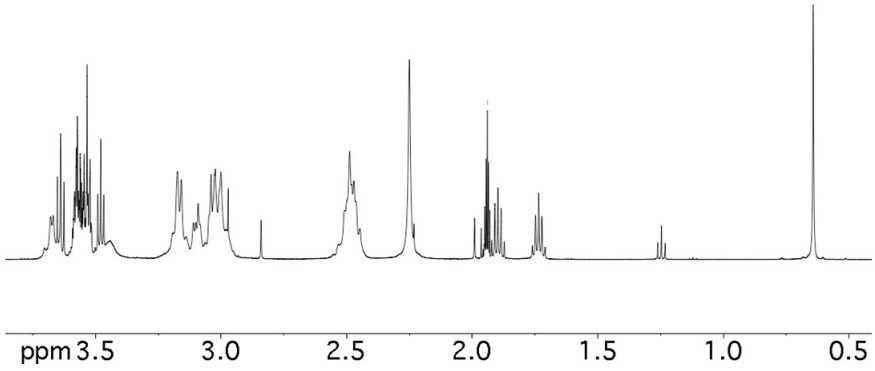

Figure S2: ^{1}H NMR spectrum of [Mg(CH$_3$)(NCS-OEG)sar](CF$_3$SO$_3$)$_2$

Na[H$_2$L] =

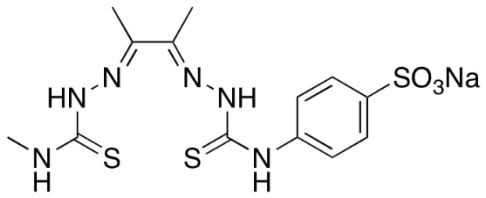

Figure S3: Structure of the water soluble bis(thiosemicarbazone) Na[H$_2$L]

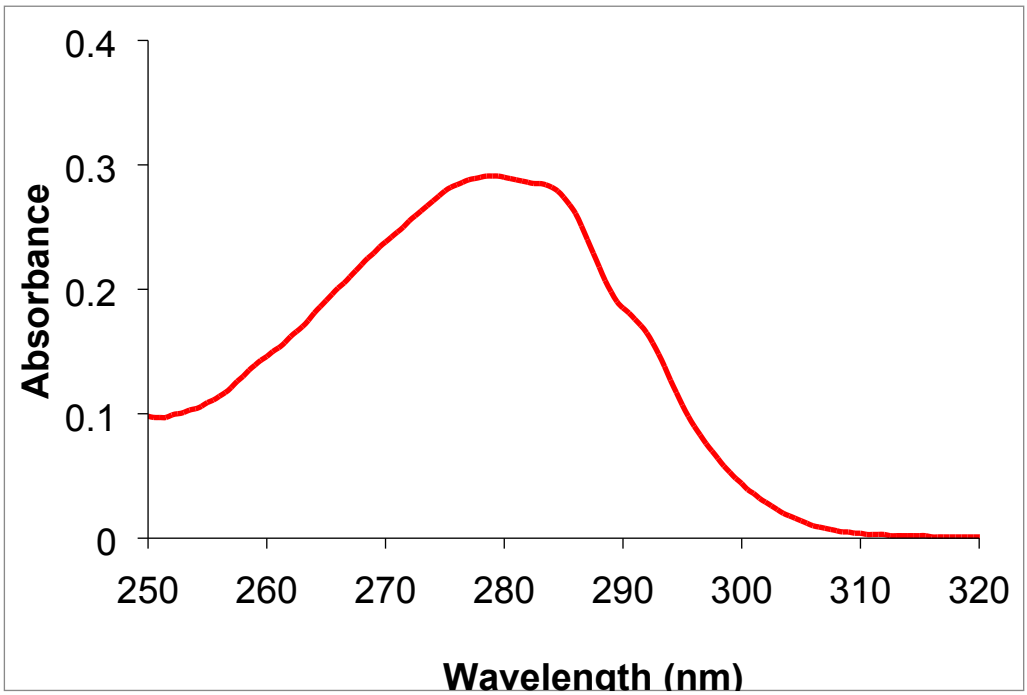

Figure S4: Section of interest of an absorbance spectrum (around 280 nm) of a solution containing Trastuzumab (25 µL) in 50 mM MOPS buffer (3000 µL, pH 7.1).

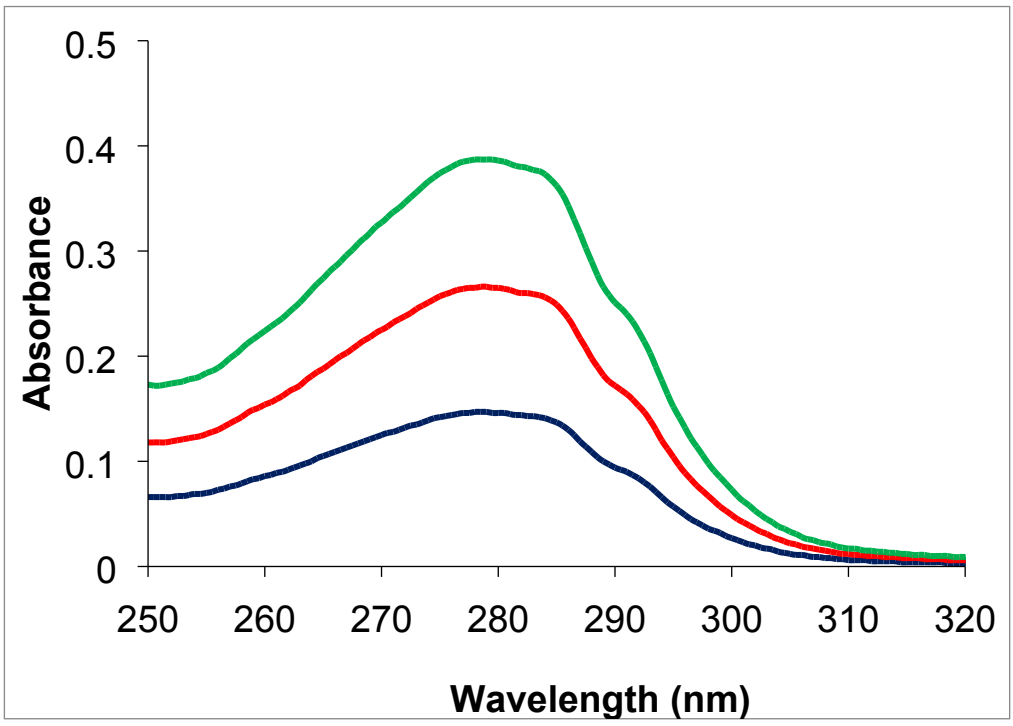

Figure S5: Section of interest of overlayed absorbance spectra (around 280 nm) of solutions formed as a result of titration of (CH_3)(*p*-NCS-Ph)sar-trastuzumab (4 µL each aliquot) into 50 mM MOPS buffer (918 µL).

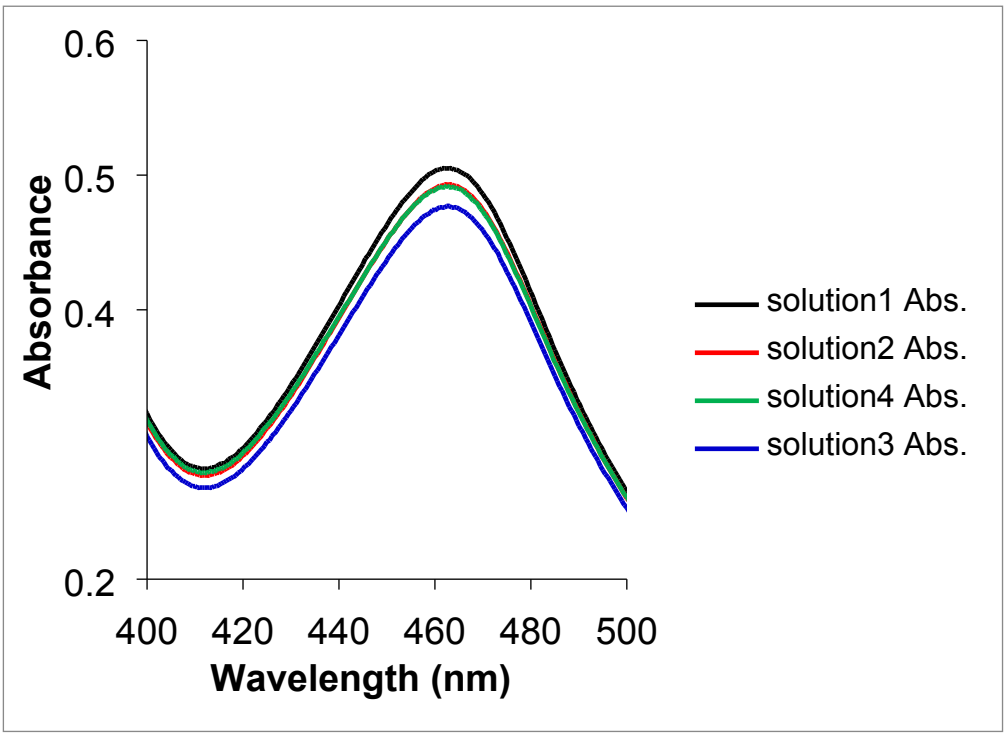

Figure S6: Section of interest of overlayed absorbance spectra (around 460 nm) of the solutions used in determination of ligand to antibody ratio.