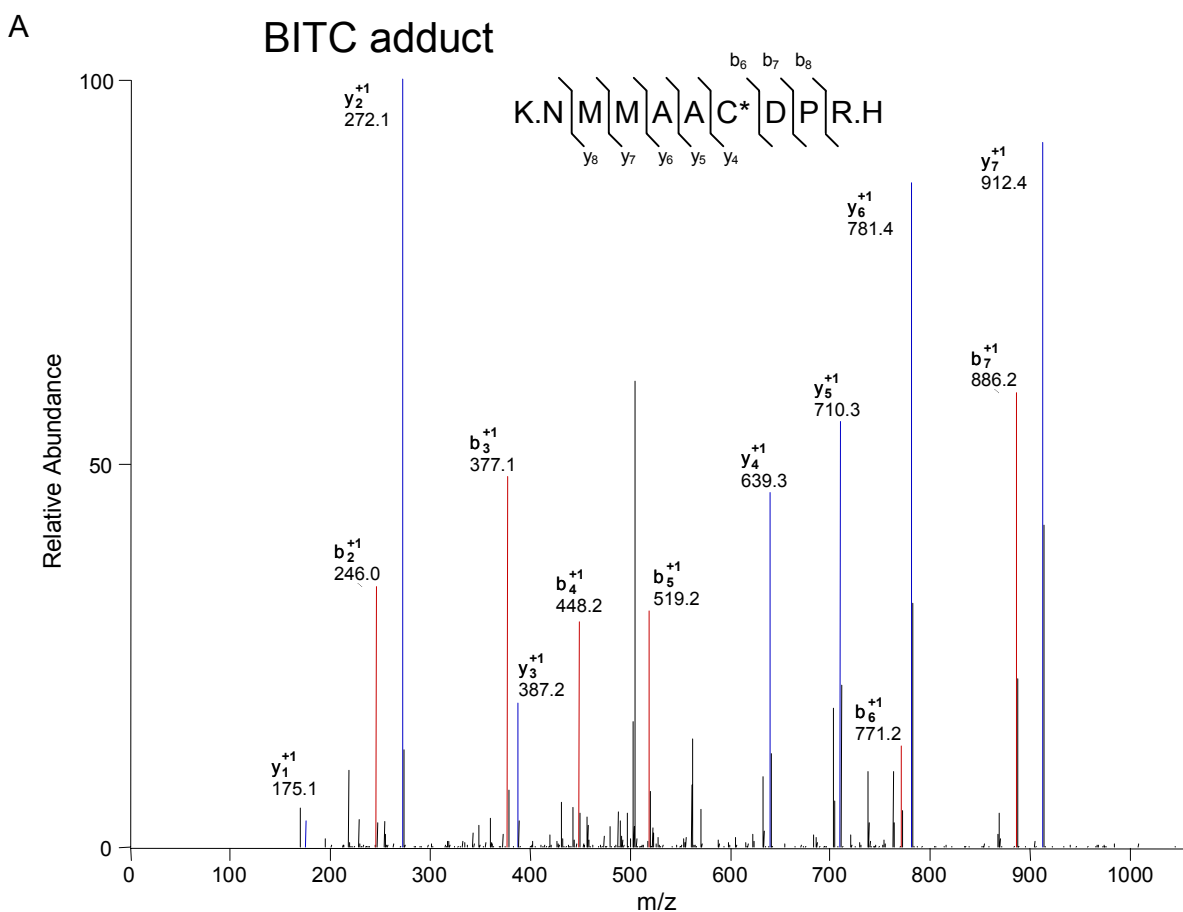


Tubulin: a molecular target of ITCs for inducing cell growth arrest and apoptosis

Supplemental Materials

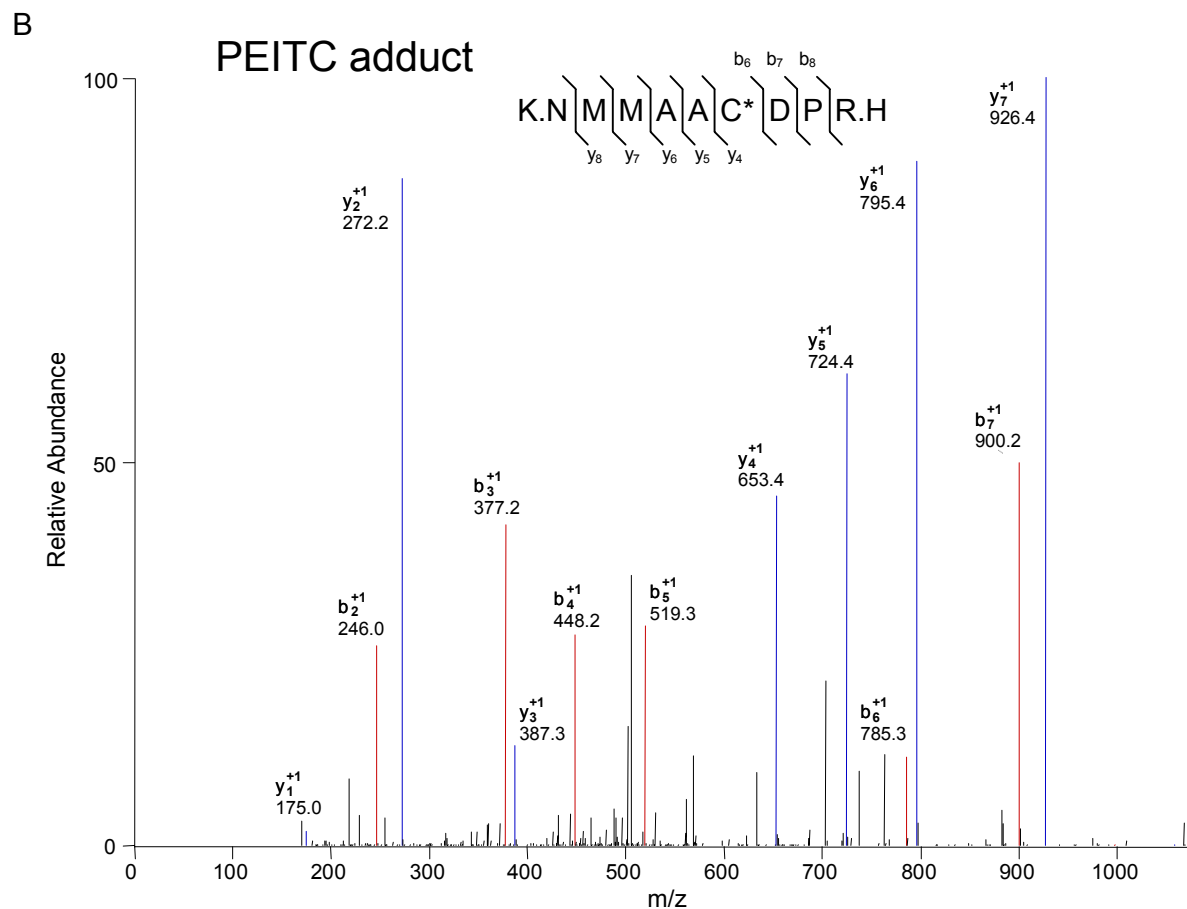
Supplemental Figures

Covalent binding of ITCs to cysteine residues in tubulin is indicated by nanoRPLC-MS/MS. A cysteine-containing peptide in β -tubulin, $^{298}\text{NMMAACDPR}^{306}$ ($[\text{M} + \text{H}]^+$ of m/z 1008.4), was further analyzed by tandem mass spectrometry. The spectra indicate that the mass additions were exclusively on the cysteine residue, as indicated by increases in m/z of the related b- and y-type fragment ions, following modification by BITC (**A**), PEITC (**B**), and SFN (**C**).

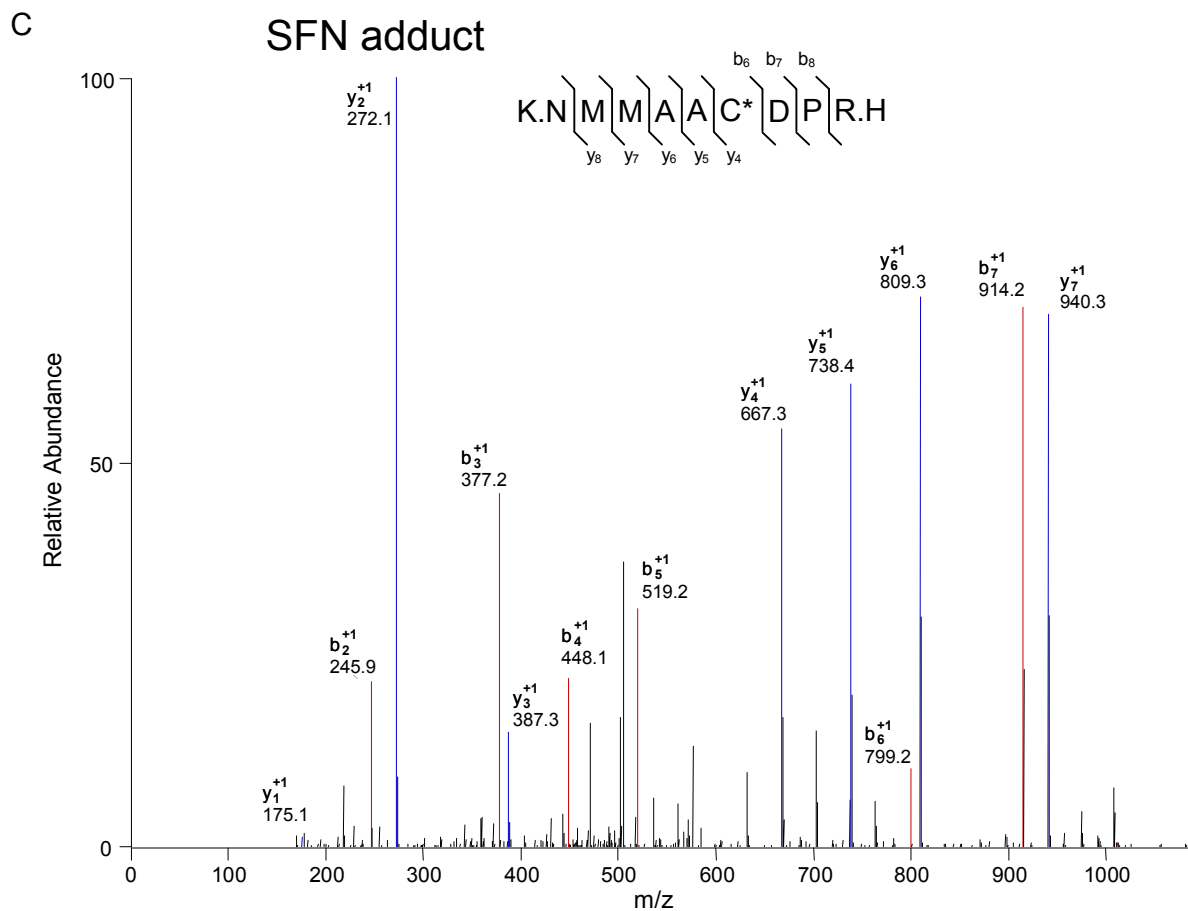


Supplemental Figure A

Tubulin: a molecular target of ITCs for inducing cell growth arrest and apoptosis



Supplemental Figure B



Supplemental Figure C