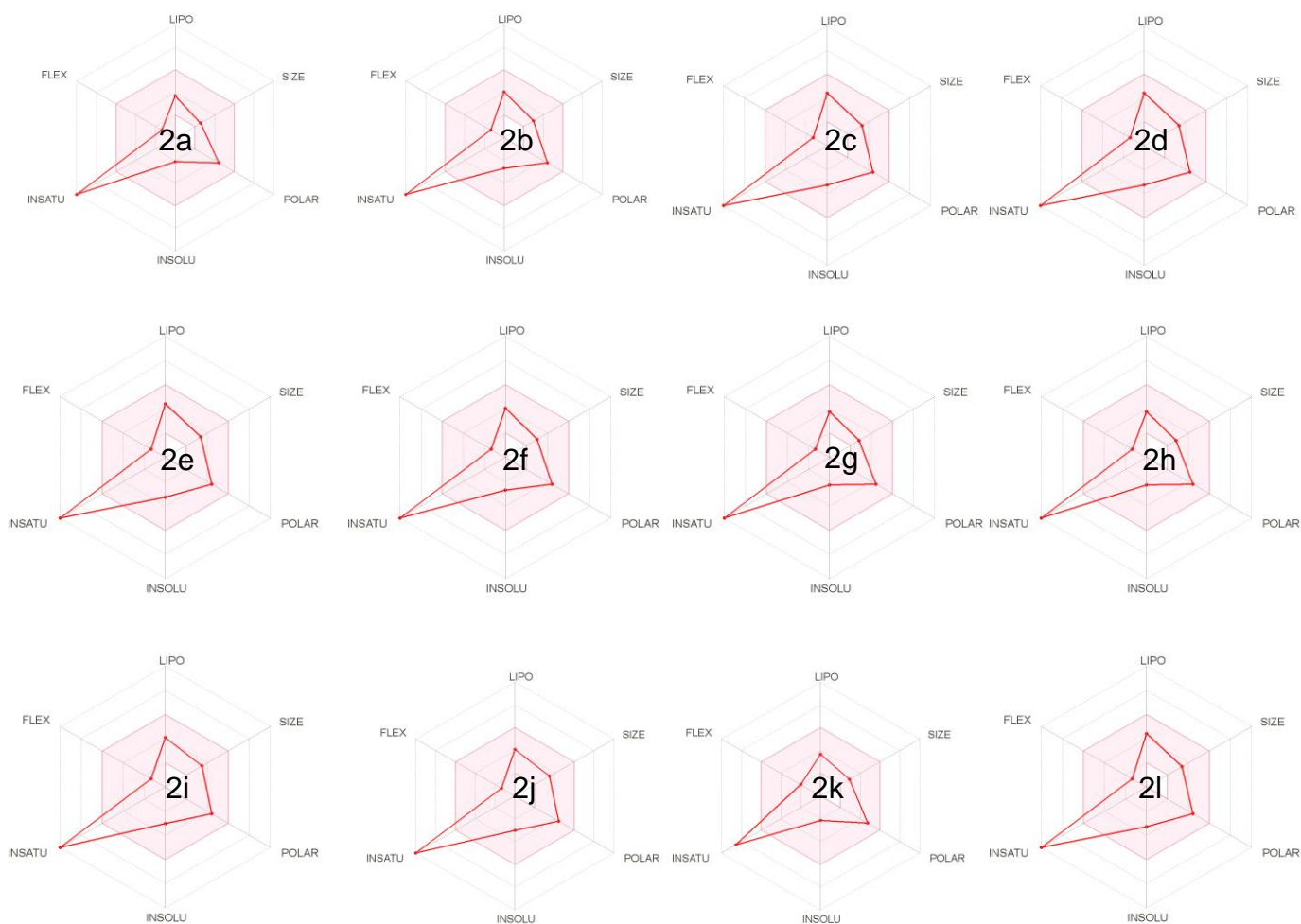
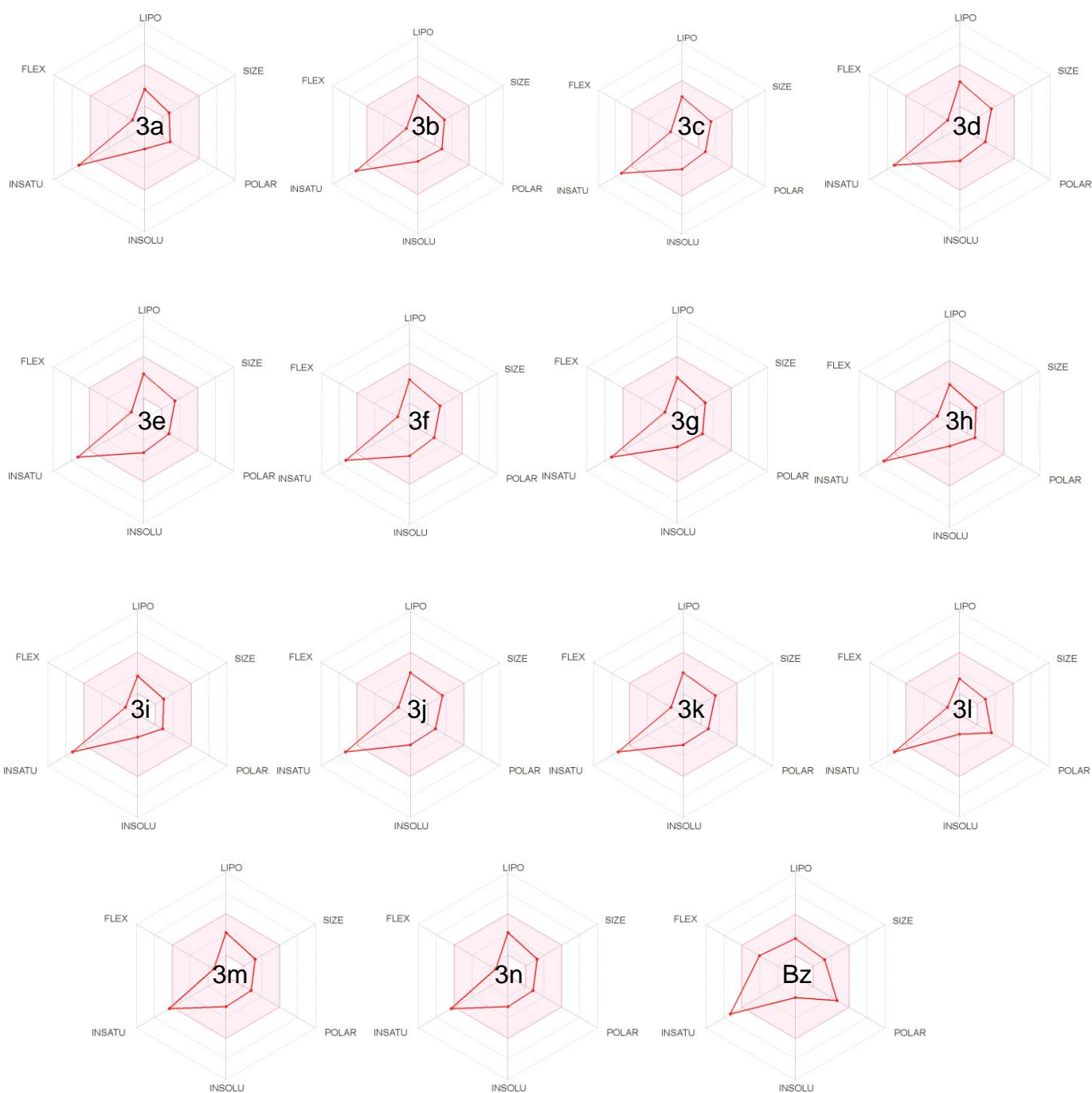


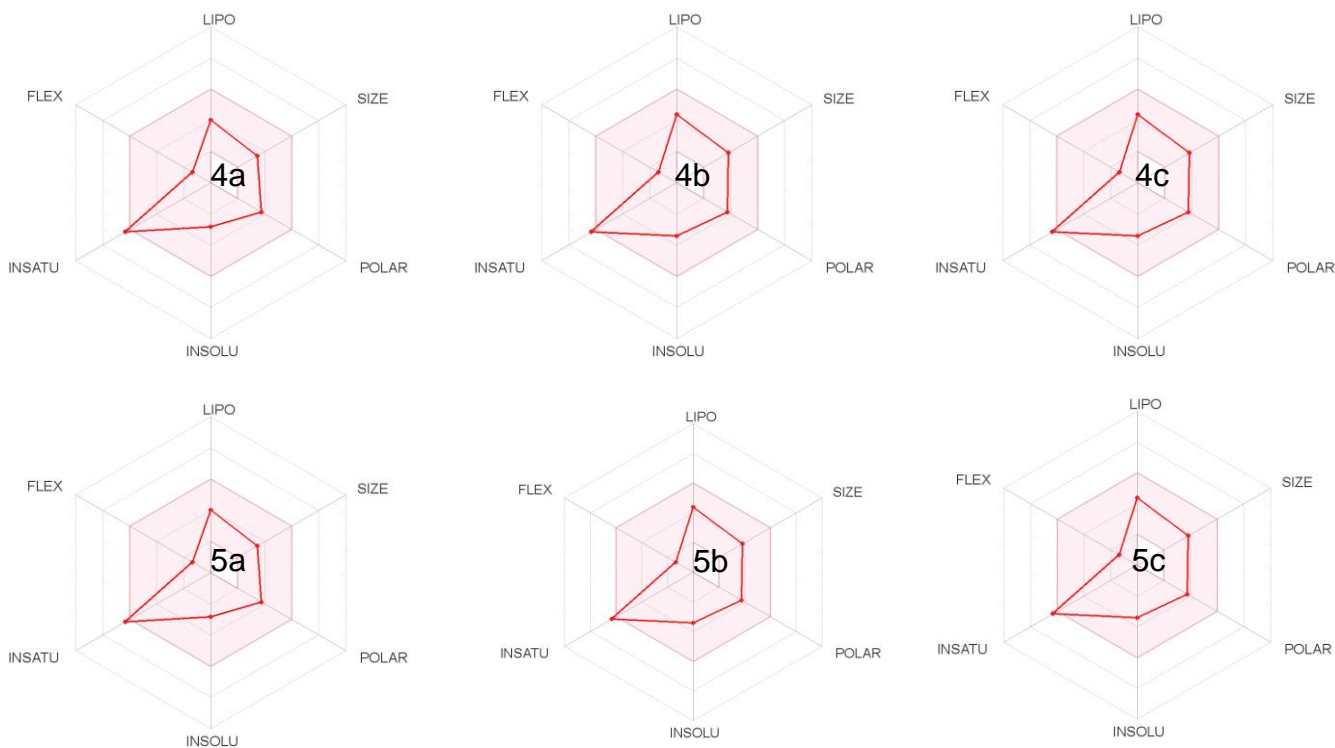
**Figure S1.** Bioavailability radar chart of pyrazole-carboxamide hybrids (series 1). LIPO (lipophilicity) = XLOGP3 between -0.7 and +5.0; SIZE (molecule size) = between 150 and 500 g/mol; POLAR (polarity) = TPSA between 20 and 130 Å<sup>2</sup>; INSOLU (insolubility)= LOG S <6; INSATU (saturation)= sp<sup>3</sup> carbon fraction ≥0.25; FLEX (flexibility) ≤9 rotatable groups.



**Figure S2.** Bioavailability radar chart of pyrazole-carboxamide hybrids (series 2). LIPO (lipophilicity) = XLOGP3 between -0.7 and +5.0; SIZE (molecule size) = between 150 and 500 g/mol; POLAR (polarity) = TPSA between 20 and 130 Å<sup>2</sup>; INSOLU (insolubility)= LOG S <6; INSATU (saturation)= sp<sup>3</sup> carbon fraction ≥0.25; FLEX (flexibility) ≤9 rotatable groups.



**Figure S3.** Bioavailability radar chart of pyrazol-imidazoline hybrids (series 3) and Bz. LIPO (lipophilicity) = XLOGP3 between -0.7 and +5.0; SIZE (molecule size) = between 150 and 500 g/mol; POLAR (polarity) = TPSA between 20 and 130 Å<sup>2</sup>; INSOLU (insolubility)= LOG S <6; INSATU (saturation)= sp<sup>3</sup> carbon fraction ≥0.25; FLEX (flexibility) ≤9 rotatable groups.



**Figure S4.** Bioavailability radar chart of pyrazole-imidazoline hybrids (series 4 and 5). LIPO (lipophilicity) = XLOGP3 between -0.7 and +5.0; SIZE (molecule size) = between 150 and 500 g/mol; POLAR (polarity) = TPSA between 20 and 130 Å<sup>2</sup>; INSOLU (insolubility)= LOG S <6; INSATU (saturation)= sp<sup>3</sup> carbon fraction ≥0.25; FLEX (flexibility) ≤9 rotatable groups.