

isostructural reaction

A ligand exchange reaction, where the structural type of the metal complex remains the same.



Although these types of reactions are not necessarily isodesmic reactions, a substantial degree of error cancellation for the calculated energy, ΔE , is achieved because the coordination sphere of the metal atom M is conserved.

Source:

PAC, 1999, 71, 1919 (*Glossary of terms used in theoretical organic chemistry*) on page 1948