

What is meso organic chemistry?

A meso compound is a compound that has a chiral center but is achiral in its overall shape because the molecule has an internal plane of symmetry. This means that the molecule has an internal reflectional symmetry, so if it were folded over on itself it would match up perfectly. Therefore, it has no net chirality.

A meso compound is a compound that has an internal plane of symmetry and contains chiral centers, but it is not optically active. Meso compounds are also diastereomers of other stereoisomers in a compound (in case of multiple stereogenic centers).

