A meso compound is an achiral compound that has chiral centers.

eg. 1:

1 has a plane of symmetry (the horizontal plane going through the red broken line) and, therefore, is achiral; 1 has chiral centers. Thus, 1 is a meso compound.

eg. 2:

2 has a plane of symmetry (the vertical plane going through the red broken line perpendicular to the plane of the ring) and, therefore, is achiral; 2 has chiral centers. Thus, 2 is a meso compound.

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Contributors

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