

asymmetric photochemistry

Photochemical process leading to a chiral substance from an achiral precursor such that one enantiomer predominates over the other.

Note:

Asymmetric induction may be achieved by the use of chiral reagents, a chiral environment, or circularly polarized light.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 304