

Distinguish, differentiate, compare and explain what is the difference between Inductive Effect and Electromeric Effect. Comparison and Differences.

Differences between Inductive Effect and Electromeric Effect

S.No.	Inductive Effect	Electromeric Effect
1	It is a permanent effect.	It is a temporary effect.
2	The presence of multiple bond is not essential.	Presence of multiple bond is essential.
3	Polarity of bond is essential.	Polarity of bond is not essential.
4	Partial charge separation takes place.	Complete charge separation takes place.
5	No ions are formed.	Ions are formed.
6	Attacking reagents is not essential.	Attacking of reagents is essential.
7	Displacement of electron do not leave their molecular orbital. However, distortion of electron position cloud takes place.	The displaced electrons leave their orbitals and attain a new position.
8	It involves more displacement of electrons.	It involves complete transference of Pi-electron.