



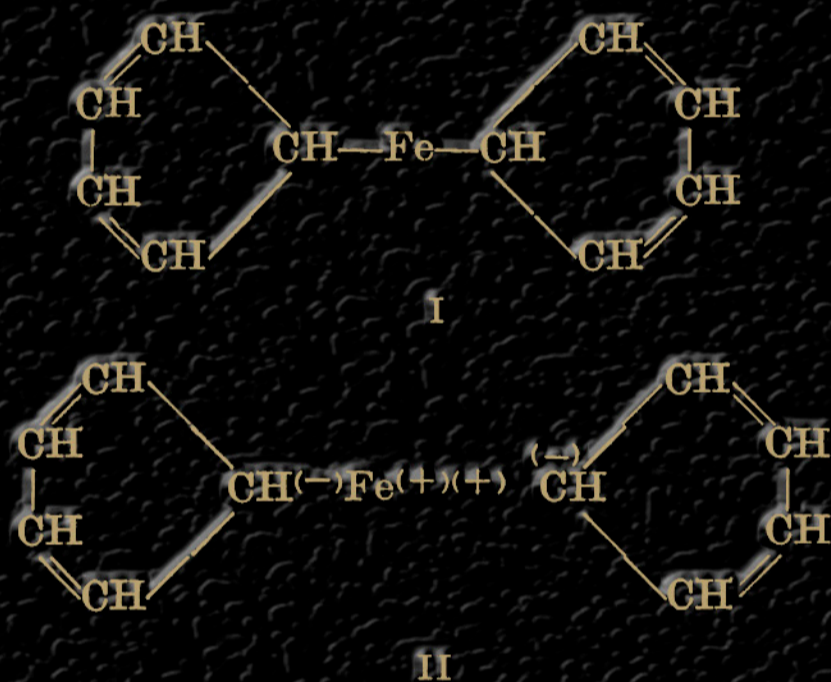
Division of the History of Chemistry
American Chemical Society

Citation for Chemical Breakthrough



Nature (London) 1951, 168, 1039-1040.

A New Type of Organo-Iron Compound



The remarkable stability of this substance is, of course, in sharp contrast to the failures of earlier workers to prepare similar compounds and must be attributed to the tendency of the *cyclopentadienyl* group to become 'aromatic' by acquisition of a negative charge, resulting in important contributions from the resonance form (II) and intermediate forms.

Our studies of this reaction and of other approaches to fulvalene are continuing.

T. J. KEALY
P. L. PAUSON

Duquesne University,
Pittsburgh 19, Pa.
Aug. 7.

Presented to Duquesne University, 2018.