Hansch constant

A measure of the capability of a solute for hydrophobic lipophilic interaction based on the partition coefficient $P$ for distribution of the solute between octan-1-ol and water. The most general way of applying $P$ in correlation analysis, QSAR, etc. is as $\log P$, but the behaviour of substituted benzene derivatives may be quantified by a substituent constant scale, $\pi$, which is defined in a way analogous to the Hammett $\sigma$ scale. There are various scales, depending on the substrate series used as reference.

Source:
PAC, 1994, 66, 1077 (Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)) on page 1119