

phase I reaction

of biotransformation

Enzymic modification of a substance by oxidation, reduction, hydrolysis, hydration, dehydrochlorination, or other reactions catalyzed by enzymes of the cytosol, of the endoplasmic reticulum (microsomal enzymes) or of other cell organelles.

Source:

PAC, 2004, 76, 1033 (*Glossary of terms used in toxicokinetics (IUPAC Recommendations 2003)*) on page 1064