radioiodination

The process of incorporating the radionuclides of iodine (usually $^{125}$I, $^{131}$I or $^{123}$I) into, or of covalently linking a radioiodinated substance to, a substance.

Source:
PAC, 1994, 66, 2513 (Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994)) on page 2524