DESCRIPTION

This book describes methods and procedures for preparing PET radiopharmaceuticals, and highlights new methods for conducting radiochemical reactions with carbon-11 (C11) and fluorine-18 (F18), which are two of the most commonly used radionuclides in positron emission tomography (PET) imaging.

• Provides reliable methods for radiochemical syntheses and reactions, including all essential information to duplicate the procedure

• Eliminates the time-consuming process of searching journal articles and extracting pertinent details from lengthy experimental sections or supporting information

• Focuses on an emerging and important area for pharmaceutical and medical applications

• Encompasses technical, regulatory, and application aspects

• Includes solid-phase radiochemistry, transition-metal catalyzed radiochemistry, microfluidics, click chemistry, green radiochemistry and new strategies for radiopharmaceutical quality control
ABOUT THE AUTHOR

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