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Nota di contenuto	Title Page; Copyright Page; Contents; Radiochemical Syntheses; Contributors; Editorial Preface; Abbreviations; PART I FLUORINE-18 LABELED RADIOPHARMACEUTICALS; Chapter 1 Synthesis of (2212;)-[18 F]Flubatine ([18F]FLBT); 1 INTRODUCTION; 2 SYNTHESIS PROCEDURES; 3 QUALITY CONTROL PROCEDURES; WASTE DISPOSAL INFORMATION; CHEMICAL ABSTRACTS NOMENCLATURE (REGISTRY NUMBER); REFERENCES AND NOTES; Chapter 2 Synthesis of [18F]-(2212;) Fluoroethoxy Benzovesamicol ([18F]FEOBV); 1 INTRODUCTION; 2 SYNTHESIS PROCEDURES; 3 QC PROCEDURES; WASTE DISPOSAL INFORMATION; CHEMICAL ABSTRACTS NOMENCLATURE (REGISTRY NUMBER) REFERENCES AND NOTES Chapter 3 Synthesis of [18F] Fluoromethylcholine ([18F]FCH) via [18F] Fluoromethyl Tosylate; 1 INTRODUCTION; 2 SYNTHESIS PROCEDURES; 3 QUALITY CONTROL; WASTE DISPOSAL INFORMATION; CHEMICAL ABSTRACTS NOMENCLATURE (REGISTRY NUMBER); REFERENCES AND NOTES; Chapter 4 Radiosynthesis of [18F] Flotegatide ([18F]RGD-K5); 1 INTRODUCTION; 2 SYNTHESIS PROCEDURES; 3 QUALITY CONTROL

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Sommario/riassunto

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

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