1. Record Nr. UNINA9910451712003321

Autore	Horn Gerd-Rainer
Titolo	The spirit of '68 [[electronic resource]] : rebellion in Western Europe and North America, 1956-1976 / / Gerd-Rainer Horn
Pubbl/distr/stampa	Oxford, : New York : Oxford University Press, 2007
ISBN	1-281-16468-2 9786611164683 0-19-151536-1 1-4294-9303-8
Descrizione fisica	1 online resource (265 p.)
Disciplina	909.826 940.55
Soggetti	Social movements - Europe, Western - History - 20th century Social movements - United States - History - 20th century Electronic books. Europe, Western History 20th century United States History 1945-
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [241]-251) and index.
Nota di contenuto	Contents; Introduction; 1. Outcasts, Dropouts, and Provocateurs: Nonconformists Prepare the Terrain; 2. Under the Cobblestones Lies the Beach: Student Activism in the 1960's; 3. Vogliamo Tutto: The Working-Class Dimension of '1968'; 4. Left, Left, Left: The Old, the New, and the Far Left; 5. Participatory Democracy: The Meaning of '1968'; Conclusion: A Moment of Crisis and Opportunity; Bibliographic Essay; Index
Sommario/riassunto	From Germany to Vietnam, from Italy to the United States, 1968 witnessed a highly unusual sequence of popular rebellions. Millions of individuals took matters into their own hands to counter imperialism, capitalism, and autocracy - indeed any kind of hierarchical thinking. Gerd-Rainer Horn offers a fascinating re-assessment of these turbulent times, arguing that 1968 cannot be seen in isolation: that it must be viewed in the context of a much larger period of experimentation and.

	revolt. He sheds valuable new light both on social movements and on their individual participants, and he offers a...

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Record Nr.	UNINA9910830031503321
Autore	Voges R (Rolf)
Titolo	Preparation of compounds labeled with tritium and carbon-14 [[electronic resource] /] / Rolf Voges, J. Richard Heys, Thomas Moenius
Pubbl/distr/stampa	Chichester, United Kingdom, : Wiley, 2009
ISBN	1-282-13816-2 9786612138164 0-470-74344-1 0-470-74343-3
Descrizione fisica	1 online resource (684 p.)
Altri autori (Persone)	HeysJ. R (J. Richard) MoeniusThomas
Disciplina	547.2 572.36 572/.36
Soggetti	Organic compounds - Synthesis Radiolabeling Tritium Carbon - Isotopes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preparation of Compounds Labeled with Tritium and Carbon-14; Contents; Preface; Glossary; Author Biographies; 1 Introduction; 1.1 Physical Properties of Tritium and Carbon-14; 1.2 Purification; 1.3 Analysis; 1.3.1 Chemical Identity; 1.3.2 Chemical (and Enantiomeric) Purity; 1.3.3 Radiochemical (and Radionuclidic) Purity; 1.3.4 Specific Activity; 1.3.5 Position of Label; 1.4 Stability and Storage of Compounds Labeled with Tritium or Carbon-14; 1.5 Specialist Techniques and Equipment; References; 2 Strategies for Target Preparation; 2.1 Formulating Target Specifications

2.2 Planning Radiotracer Preparations2.2.1 The Construction Strategy; 2.2.2 Reconstitution Strategies; 2.2.3 The Derivatization Strategy; 2.2.4 Selection of an Appropriate Strategy; 2.2.5 Case Studies of Strategy Development; References; 3 Preparation of Tritium-Labeled Compounds by Isotope Exchange Reactions; 3.1 Homogeneous Acid- or Base-Catalyzed Exchange; 3.1.1 Exchange without Added Acid or Base; 3.1.2 Exchange under Acidic Conditions; 3.1.3 Exchange under Basic Conditions; 3.2 Heterogeneous Catalysis with Tritium in Solvent; 3.2.1 Metals; 3.2.2 Other Catalysts
3.3 Heterogeneous Catalysis in Solution with Tritium Gas3.3.1 Metal Catalysts with Nonreducible Substrates in Aqueous Solution; 3.3.2 Metal Catalysts with Nonreducible Substrates in Organic Solvents; 3.3.3 Other Catalysts; 3.3.4 Metal Catalysts with Reducible Substrates; 3.4 Homogeneous Catalysis in Solution with Tritiated Water; 3.4.1 Exchange Catalyzed by Metal Salts; 3.4.2 Exchange Catalyzed by Organoruthenium Complexes; 3.4.3 Exchange Catalyzed by Iridium Dionates; 3.4.4 Exchange Catalyzed by Iridium Cyclopentadienides; 3.5 Homogeneous Catalysis with Tritium Gas; 3.5.1 Iridium Phosphines
3.5.2 Iridium Dionate Complexes3.5.3 Iridium Cyclopentadienide Complexes; 3.6 Solvent-Free Catalytic Exchange; 3.6.1 High-Temperature Solid-State Catalytic Isotope Exchange; 3.6.2 Thermal Tritium Atom Bombardment; 3.6.3 Other Radiation-Induced Labeling Methods; References; 4 Preparation of Tritium-Labeled Compounds by Chemical Synthesis; 4.1 Catalytic Tritiations; 4.1.1 Tritiation of Carbon-Carbon Multiple Bonds; 4.1.2 Tritiation of Carbon-Heteroatom Multiple Bonds; 4.1.3 Homogeneously Catalyzed Reactions; 4.2 Catalytic Tritiolyses; 4.2.1 Tritiodehalogenations
4.2.2 Tritiolyses of Benzylic N- and O-Functions4.2.3 Tritiodesulfurizations; 4.3 Tritide Reductions; 4.3.1 Sodium Borotritide (NaB3H4); 4.3.2 Sodium Cyanoborotritide (NaB3H3CN); 4.3.3 Sodium/Tetramethylammonium Triacetoxyborotritide [Na/NMe4B3H (OAc)3]; 4.3.4 Lithium Tritide (Li3H); 4.3.5 Lithium Borotritide (LiB3H4); 4.3.6 Lithium Triethylborotritide (LiEt3B3H, Li-Super-Tritide); 4.3.7 Lithium Tri-sec-Butylborotritide [Li(sec-Bu3)B3H, Li T-Selectride]; 4.3.8 Lithium [3H2]Boratabicyclo[3.3.1]nonane; 4.3.9 Tritiated Borane (THF-Complex) (B2 3H6; B3H3 .THF); 4.3.10 Tritiated Alkylboranes
4.3.11 Lithium Aluminum Tritide (LiAl3H4)

Sommario/riassunto

Compounds labeled with carbon-14 and tritium are indispensable tools for research in biomedical sciences, discovery and development of pharmaceuticals and agrochemicals. Preparation of Compounds Labeled with Tritium and Carbon-14 is a comprehensive, authoritative and up-to-date discussion of the strategies, synthetic approaches, reactions techniques, and resources for the preparation of compounds labeled with either of these isotopes. A large number of examples are presented for the use of isotopic sources and building blocks in the preparation of labeled target compounds, illustratin