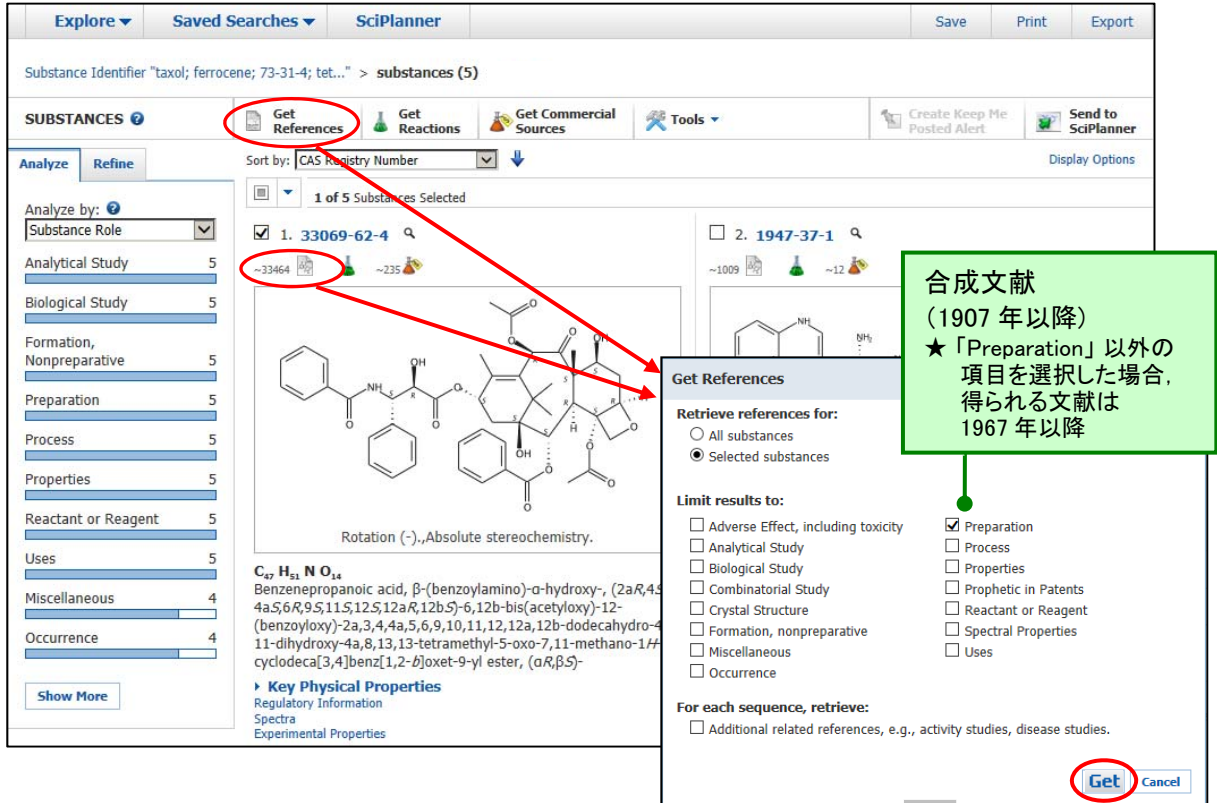


化学物質関連情報へのリンク機能

➤ 文献情報へのリンク

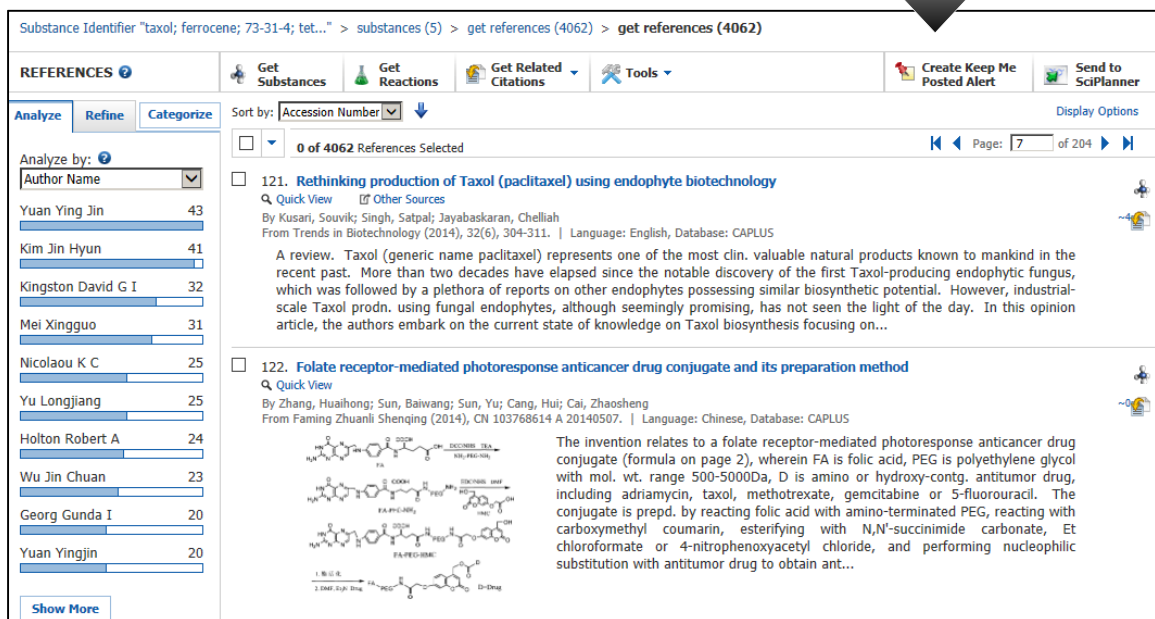
各物質上の書類リンクボタン（単一物質を対象）、あるいは画面上部の“Get References”リンクボタン（単一物質または複数物質を対象）により、文献を検索することができます。その際、特定の観点によって文献を限定することもできます。



The screenshot shows the SciFinder interface with the 'Get References' dialog box open. The dialog box has the following options:

- Retrieve references for:**
 - All substances
 - Selected substances
- Limit results to:**
 - Adverse Effect, including toxicity
 - Analytical Study
 - Biological Study
 - Combinatorial Study
 - Crystal Structure
 - Formation, nonpreparative
 - Miscellaneous
 - Occurrence
 - Preparation
 - Process
 - Properties
 - Prophetic in Patents
 - Reactant or Reagent
 - Spectral Properties
 - Uses
- For each sequence, retrieve:**
 - Additional related references, e.g., activity studies, disease studies.

A green callout box on the right contains the text: 合成文献 (1907 年以降) ★「Preparation」以外の項目を選択した場合、得られる文献は 1967 年以降. A red circle highlights the 'Get' button in the dialog box.



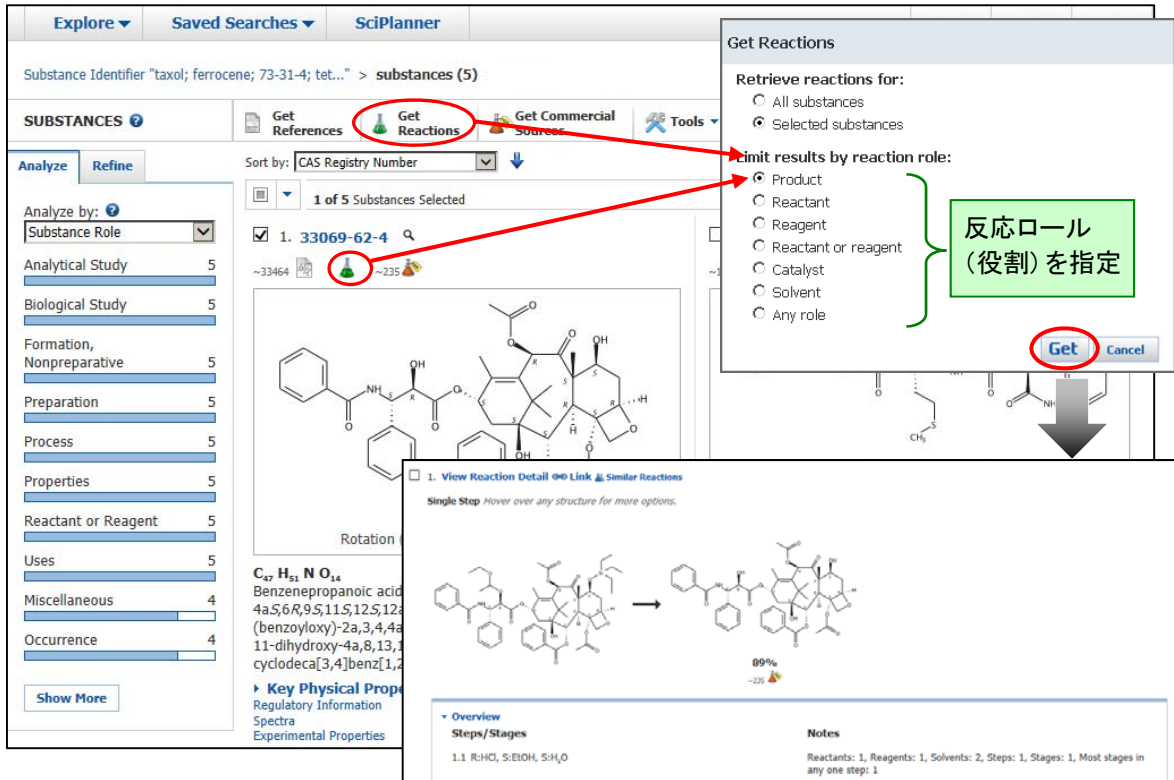
The screenshot shows the 'REFERENCES' page in SciFinder. The search results are sorted by 'Accession Number'. The first two references are:

- 121. Rethinking production of Taxol (paclitaxel) using endophyte biotechnology**
 By Kusari, Souvik; Singh, Satpal; Jayabaskaran, Chelliah
 From Trends in Biotechnology (2014), 32(6), 304-311. | Language: English, Database: CAPLUS
 A review. Taxol (generic name paclitaxel) represents one of the most clin. valuable natural products known to mankind in the recent past. More than two decades have elapsed since the notable discovery of the first Taxol-producing endophytic fungus, which was followed by a plethora of reports on other endophytes possessing similar biosynthetic potential. However, industrial-scale Taxol prodn. using fungal endophytes, although seemingly promising, has not seen the light of the day. In this opinion article, the authors embark on the current state of knowledge on Taxol biosynthesis focusing on...
- 122. Folate receptor-mediated photoresponse anticancer drug conjugate and its preparation method**
 By Zhang, Huaihong; Sun, Baiwang; Sun, Yu; Cang, Hui; Cai, Zhaosheng
 From Faming Zhuanli Shenqing (2014), CN 103768614 A 20140507. | Language: Chinese, Database: CAPLUS
 The invention relates to a folate receptor-mediated photoresponse anticancer drug conjugate (formula on page 2), wherein FA is folic acid, PEG is polyethylene glycol with mol. wt. range 500-5000Da, D is amino or hydroxy-contg. antitumor drug, including adriamycin, taxol, methotrexate, gemcitabine or 5-fluorouracil. The conjugate is prep'd. by reacting folic acid with amino-terminated PEG, reacting with carboxymethyl coumarin, esterifying with N,N'-succinimide carbonate, Et chloroformate or 4-nitrophenoxycetyl chloride, and performing nucleophilic substitution with antitumor drug to obtain ant...

化学物質関連情報へのリンク機能

➤ 反応情報へのリンク

各物質上の三角フラスコリンクボタン（単一物質を対象）、あるいは画面上部の“Get Reactions”リンクボタン（単一物質または複数物質を対象）により、化学反応を検索することができます。



The screenshot displays the SciPlanner interface. At the top, the 'Get Reactions' button is circled in red. A dialog box titled 'Get Reactions' is open, showing options to retrieve reactions for 'Selected substances' and to 'Limit results by reaction role'. The 'Product' role is selected, and a green box highlights this section with the text '反応ロール (役割) を指定'. The 'Get' button in the dialog is also circled in red. Below the dialog, a reaction detail view is shown for a reaction with a yield of 89%. The reaction involves a complex polycyclic molecule and a benzene ring derivative. The 'Overview' section lists '1.1 R:HCl, S:EtOH, 5:H₂O' and the 'Notes' section lists 'Reactants: 1, Reagents: 1, Solvents: 2, Steps: 1, Stages: 1, Most stages in any one step: 1'.