

SciFinder Academia Tips on Searching Reaction Information

Quiz:

如何將我所找尋到的反應式答案限縮在一篇文獻一個主要代表反應

Ans:

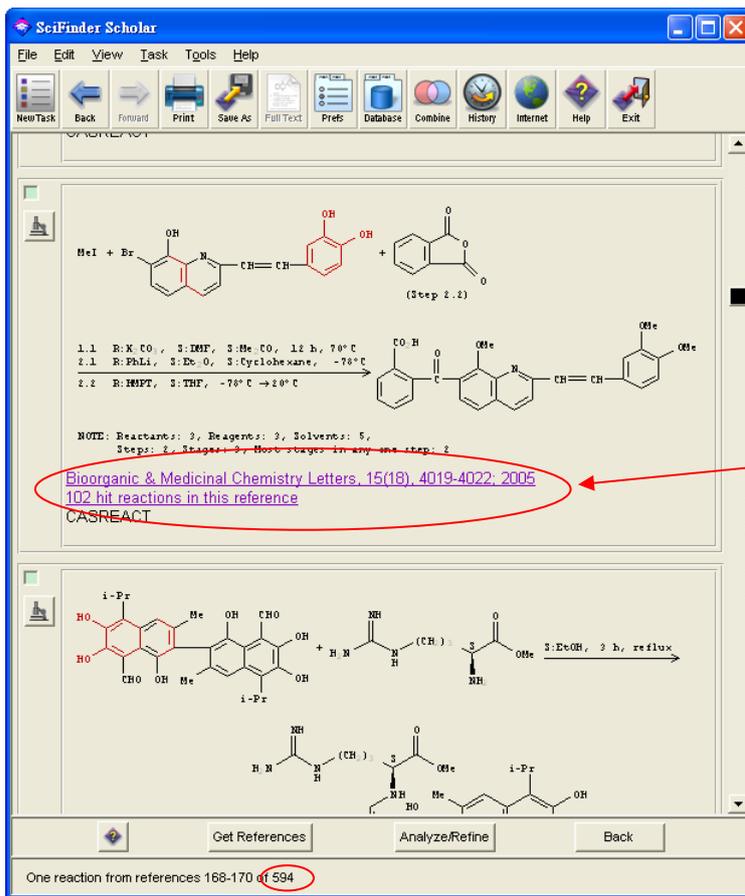
當我們檢索到多數反應結果，發現多個反應接導向到同一篇文獻時，我們可以

The screenshot shows the SciFinder Scholar interface. At the top, there is a menu bar (File, Edit, View, Task, Tools, Help) and a toolbar with icons for NewTask, Back, Forward, Print, Save As, Full Text, Prefs, Database, Combine, History, Internet, Help, and Exit. Below the toolbar, a note reads: "NOTE: Reactants: 4, Reagents: 9, Solvents: 7, Steps: 5, Stages: 7, Most stages in any one step: 2". A red oval highlights the citation "Bioorganic & Medicinal Chemistry Letters, 15(18), 4019-4022, 2005" and "CASREACT". The main area displays a chemical reaction scheme with a quinoline derivative and a substituted benzene ring reacting with MeI and 2-MeOC₆H₄CHO. Below the scheme, a list of reaction conditions is provided: 1.1 R: t-BuNH₂, R: Br₂, S: PhMe, -78° C → 20° C; 2.1 R: Ac₂O, 18 h, 140° C; 2.2 R: H₂O, R: C₆H₅N, 2 h, 100° C; 3.1 R: K₂CO₃, S: DMF, S: Me₂CO, 12 h, 70° C; 4.1 R: PhLi, S: Et₂O, S: Cyclohexane, -78° C; 4.2 R: HHPT, S: THF, -78° C → 20° C; 5.1 R: MnO₂, S: CH₂Cl₂, 8 h, 70° C. A second red oval highlights the same citation and "CASREACT" at the bottom of the reaction details. At the bottom of the window, it says "Reactions 985-986 of 3087".

2 個反應結果導向到同一篇文獻
共有 3,087 個反應結果

The screenshot shows the SciFinder Scholar interface with the "View" menu open. The menu options are: Compact, Standard, Summary, Full, All Reactions, One Reaction per Reference (highlighted), Show Reaction Substructure Highlighting, Accession Number Order, Title Order, Year, Title Order, Score Order, and Reverse Order. A red arrow points from the "One Reaction per Reference" option to the right. Below the menu, a reaction scheme is partially visible, showing a quinoline derivative reacting with MeCN under various conditions: 1. S: MeCN, 2-3 h, rt overnight, rt; 2. OH, S: H₂O, S: MeCN, rt; 20 min, rt.

我們可以點選工具列的View選項，然後選擇One Reaction per Reference



我們可以看到，剛剛同一篇文獻包含 102 個符合我們需求的反應，而全部的反應結果(單一文獻單一主要反應)也變成 594 個

同樣的，如果是使用 **SciFinder 2009 Browser** 版本，您可以更快速的限縮反應結果到單篇文獻單一主要反應

SciFinder - Reaction Answer Set - Mozilla Firefox

3087 Reactions

1. Reaction Detail

Reaction scheme showing a substituted indole derivative reacting with a cyclic anhydride. The reaction conditions are listed as follows:

- 1.1 S: CH₂Cl₂, S: MeCN, 2-3 h, rt
- 1.2 R: O₂, overnight, rt
- 2.1 R: Bu₄NOH, S: H₂O, S: MeCN, rt; 30 min, rt
- 2.2 R: O₂, rt

Analysis panel on the right shows various catalysts and reagents, including Pd, Pd(OAc)₂, Pd(PPh₃)₄, CuI, Pd(OH)₂, Ph₂P(CH₂)₂PPh₂, TiCl₄, and H₂SO₄.

需要知道更多...

請連絡 CAS Representative TW (02)27078588 x.226~228