

SciFinder Scholar™ Orientation Questions

Answers to the questions can be found in the following places:

- 1) Your notes
- 2) The following website: <http://www.cas.org/products/sfacad/index.html>
- 3) Searching in SciFinder Scholar

1. How many databases are covered in SciFinder Scholar?

Name them:

2. What bibliographic database(s) is/are covered in SciFinder Scholar?

3. What SciFinder Scholar database(s) contain(s) regulated chemicals information?

4. What do the following acronyms stand for? **(Select references that were found containing the concept)**

UV-LED:

RP-HPLC:

LC-MS:

5. Determine the following information for the following compound:

Sildenafil citrate

Most common name (as seen on TV commercials):

RN:

Formula:

6. In the 'Journal of Cell Science', who authored the article titled?
"Vesicle-associated membrane protein 7 is expressed in intestinal ER"?

7. Do an exact structure search on **Varenicline**:

What is the structure?

Retrieve references related to 'biological study'. How many are there?

What company has done most of the research in the above area?

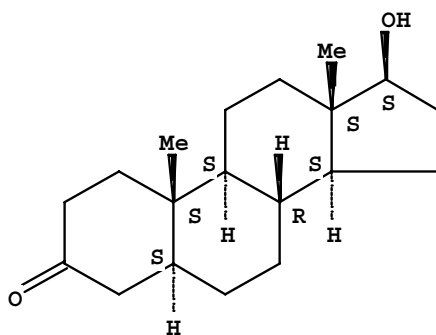
8. Via functional group searching, retrieve references converting a primary alcohol to a sulfonamide.

Requirements: Single step reaction
Minimum yield of 75

How many references did you retrieve?

9. Retrieve the IR Spectrum of the following compound referenced in Dr. Duane Miller's patent on 'SARMs and their therapeutic use'.
(DO NOT ATTEMPT TO DRAW THE STRUCTURE).

RN 521-18-6



What is the Spectrum ID?

10. In the past five years, what person has done most of the research on *MESONS IN PHOTOPRODUCTION*? (**Select the Topic Candidates with references where the two concepts are closely associated with one another**)
11. How many patents does Dr. Anthony Arduengo have? (**Keep in mind that there could be several variations of the name.**)

From what companies?

12. What is the structure of Claritin? What is its Registry Number?
13. What is the title of Eastman Chemical's most recent publication in the journal 'Modern Paint and Coatings'?
14. What company has the most patents in the area of heat shrinkable film? **(Choose the Topic Candidates for references that are found containing the concept.)**
How many?
15. Where did Dr. Arthur Jonas receive his PhD?
In what year?
16. In what year and in what journal was the Coca Cola article "Differentiation of synthetic and natural caffeine" published?
17. Run a search on 'water soluble polymers in detergents'. What company has most of the patents?
(Select the Topic Candidates with references associated with two concepts present anywhere in the reference.)