

CH 431 Literature Searching Exercise

Quick Links:

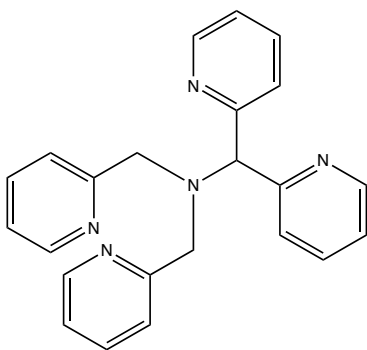
SciFinder Registration page (you will need to register for a personal account before you can search this tool) : <http://www.lib.utexas.edu/chem/scifinder.html>

Link to SciFinder, Reaxys, and other resources from the Chemistry Library home page: <http://www.lib.utexas.edu/chem/>

CAS SciFinder instructional resources (videos, tutorials, PDFs, etc.): <http://www.cas.org/training/scifinder>

Assignment:

Use SciFinder to answer the following questions about this molecule.



1. What is an IUPAC-style name for this molecule? What is its CAS Registry Number?
2. Locate and examine an article that describes a preparation of this compound. Provide the citation and a brief description of starting material(s) and method. (Hint: There are many potential ways to prepare or isolate a compound, and prep articles are often found among the *earliest* references in your results.)
3. What is the most recent article that has cited the above reference?
4. What are all of the d-block transition metals that have been used to prepare metal complexes with this ligand? List a relevant literature citation for at least 2 metals you find.