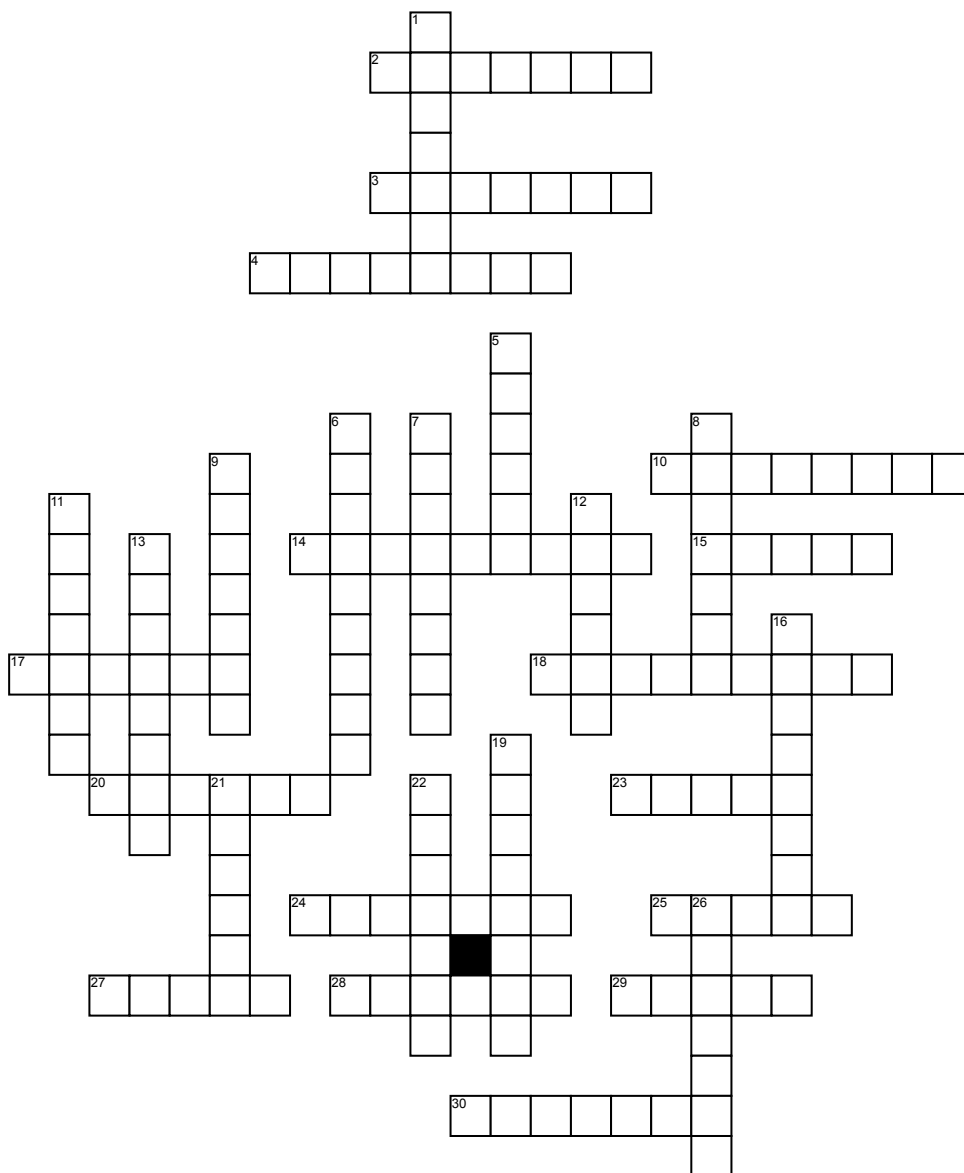


(Un)common names



Across

- 2.** Salt-Oxidant-M
3. Zirconium compound-I
4. Sulfur analogous (Ar=4-OMeC₆H₄) to reagent-F
10. Reagent-J
14. Synthesis of alkyltin(IV)chlorides from SnR₄ and SnCl₄
15. Reactive metal powder obtained by reduction with alkali metals
17. Dialkyl lithium cuprates
18. Preparation of dialkylzinc from alkyl iodides
20. Swiss chemist, 'father' of coordination chemistry
23. Replacement of an alcohol by halogens with CX₄ as source
24. Selenating Reagent-F
25. Hydrogenation catalyst-C

Down

- 1.** Reagent/complex-D
5. A very happy rearrangement
6. Ring contracting synthesis of carboxylic acids from alpha-haloketones
7. Selective substitution at propargylic electrophiles mediated by Co
8. Catalyst-A
9. Compound-B
11. Amine synthesis from acyl azides
12. Nobel prize worthy Ru-based catalyst for asymmetric hydrogenations
13. Rearrangement of sulfoxides promoted by electrophiles
27. Reagent-L
28. Pyridinium salt-N
29. Reagent-H
30. Trifluoromethylating reagent-E

- 16.** Dimerisation equilibrium of 'stable' carbenes
19. Ziegler-Natta polymerisation catalyst-K
21. Methylenation Reagent-G
22. Equilibrium between alkylmagnesium halides and dialkylmagnesium
26. Synthesis of the reagent for a Wittig-Horner reaction