

Supramolecular Chemistry and Self-Assembly Models

g12_u05_w19

Interpret original fictional assembly/equilibrium cards. No synthesis, fabrication, device construction, or real-system prediction is requested.

1. What does supramolecular mean in a model?

2. Why are noncovalent interactions important?

3. What is self-assembly in a stated card?

4. Why is a self-assembly diagram not a procedure?

5. What is dynamic equilibrium?

6. Why can conditions affect an assembly model?

7. Name one omitted factor.

8. What does a concentration label require?

9. Why can a model show several possible assemblies?

10. What is a model limitation?

11. Card A labels an aggregate. What is supported?

12. What outcome claim is not supported?

13. Why may alternate arrangements remain plausible?

14. Name an additional fictional evidence card.

15. Why should equilibrium not be described as stopped?

16. Give one non-color-only diagram feature.

17. State one prohibited device or product claim.

18. Compare a model aggregate with a measured observation.

19. Write a cautious assembly-model interpretation.

20. Write a two-sentence bounded conclusion.
