

Use this page to post and answer scientific questions (any VDS user can edit this page). They must be scientific questions - not just questions about administrative class items. However, they don't have to be science questions about VDS research.

- If you have a question - put it at the top and labels it (Q4, Q5, etc.)
 - If you can answer a question - provide the answer
 - If you disagree with an answer - then put your own answer after the previous one
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Q?:

A?:

Q3: How do you deliver drugs with a LogP greater than 3.5 if we can't solubilize them in our lab with DMSO?

A3:

Q2: Why are clouds white?

A2: Due to Mie scattering - since clouds contain many different sized particles they will scatter many wavelengths which are of the same size order as the particles. Many wavelengths in the visible spectrum is seen as white.

Q1: Why is the sky blue?

A1: Rayleigh scattering of blue light for which the wavelength is much smaller in size relative to the particles that are in the sky.