

NUCLEATE

Meaning: To nucleate means to initiate the formation of a nucleus or the beginning of a process, such as crystallization or droplet formation, often under specific conditions.

1. The researchers were able to nucleate the crystal at a lower temperature than previously thought.
2. In order to study the process, they needed to nucleate the droplets in a controlled environment.
3. The formation of ice crystals begins when water molecules nucleate on a surface.
4. To better understand the phenomenon, scientists sought to nucleate new phases of the material.
5. His goal was to nucleate the reactions necessary for producing the desired compound efficiently.
6. To nucleate a droplet, a surface with specific properties must be present.
7. During the experiment, the researchers aimed to nucleate ice crystals under controlled conditions.
8. The formation of bubbles in the solution began to nucleate as the temperature decreased.
9. In biology, certain proteins can nucleate the assembly of larger molecular structures.
10. The team used a catalyst to effectively nucleate the desired reaction in the chemical process.

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