

MERCAPTIDE

Meaning: Mercaptide is a chemical compound formed from the reaction of a mercaptan (a sulfur-containing organic compound) with a metal, often used in pharmaceutical synthesis and as a stabilizing agent in chemical reactions.

1. The chemist explained the unique properties of mercaptide in the synthesis of new pharmaceuticals.
2. Researchers are exploring the potential of mercaptide as a stabilizing agent in various chemical reactions.
3. Mercaptide compounds often exhibit remarkable reactivity due to the presence of sulfur in their structure.
4. In the laboratory, the team successfully synthesized a novel mercaptide that showed promising antibacterial activity.
5. The formation of mercaptide can significantly influence the behavior of metal ions in solution.

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