

综述与进展

肟类衍生物的合成与农药生物活性的研究进展

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摘要 肟类化合物具有优良的杀虫、杀菌及除草活性,不少品种还具有低毒、低残留等优点.目前该类化合物的分子设计和合成及生物活性研究是农药创制的热点之一.按照不同的生物活性和结构进行分类,对近年来肟类化合物在农业中应用作了综述,着重从分子合成和生物活性进行讨论,并对它的发展趋势、应用前景作了进一步展望.

关键词 [肟酯](#) [肟醚](#) [合成](#) [生物活性](#)

分类号

Recent Advance in Synthesis and Biological Activity of Oxime Derivatives

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Abstract Oxime compounds frequently exhibit satisfactory insecticidal, fungicidal or herbicidal activity. Many of them have characteristics of low toxicity and residue. Recently, the study on molecular design, synthesis and biological activity of oxime compounds has attracted more and more attention. The applications of oxime compounds in recent years to agriculture were reviewed according to different chemical structures. The developing trends and broad application prospects of oxime compounds were also introduced.

Key words [oxime ether](#) [oxime ester](#) [synthesis](#) [biological activity](#)

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