

يضم هذا البحث المرجعي طرق تحضير و تفاعلات مركبات
٣-البيرليدينون و ايضا الاهمية البيولوجية لبعض المركبات
المصنعة منه.

This review presents a survey of the synthetic methods and reactions of 3-pyrrolidinones (N-substituent = H, alkyl, acyl, ester; 3-substituent = H, alkyl, cyano, ester, etc). 3-Pyrrolidinones are synthetically versatile substrates, as they can be used for synthesis of a large variety of heterocyclic compds., such as indoles and 5-deazapteroic acid analogs and as a raw material for drug synthesis. The high reactivity of an active methylene group next to the carbonyl of the pyrrolidine ring is useful for various syntheses.