

**Efficient synthesis of new butenolides by subsequent reactions:
application for the synthesis of original iminolactones, bis-iminolactones
and bis-lactones**

Cheikh, Nawel; Bar, Nathalie; Choukchou-Braham, Nourredine; Mostefa-Kara, Bachir;
Lohier, Jean-Francois; Sopkova, Jana; Villemin, Didier

Abstract :

We have developed the synthesis of twenty four new iminolactones, bis-iminolactones and bis-lactones by subsequent esterification–condensation or addition–condensation reactions according to two strategies from α -hydroxyketones. The X-ray diffraction data of a bis-iminolactone is described and present an interesting helical column packing.

Keywords : *N*-Substituted cyanoacetamide; Iminolactone; Butenolide; Diamine; Bis-iminolactone; Bis-lactone.

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