

A Convenient Synthesis of Benzo[g]pyrrolo[3,2-c]quinoline-6,11-diones

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Abstract

The synthesis of a new class of angular tetracyclic quinones is described. Our strategy involves Diels-Alder reaction of pyrroloquinolinequinone 9, generated in situ from pyrroloquinoline 8, and dienes. The required pyrroloquinoline 8 was prepared in four steps from commercially available compounds. All compounds were tested for trypanocidal activity in vitro against *Trypanosoma cruzi* epimastigotes..

Keywords

Benzo[g]pyrrolo[3,2-c]quinoline, Heterocyclic quinones, Pyrroloquinoline, Diels-Alder reaction, Heterocycles.