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## Synthesis of Novel 1-Aryl-9H-xanthen-9-ones

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**Source:** SYNLETT **Issue:** 10 **Pages:** 1403-1406 **DOI:** 10.1055/s-0030-1260567 **Published:** JUN 2011

**Times Cited:** 0 (from Web of Science)

**Cited References:** 27 [ view related records ] Citation Map

**Abstract:** A novel route for the synthesis of 1-aryl-9H-xanthen-9-ones is reported. This methodology involves the condensation of 2-methylchromone with cinnamaldehydes leading to (E, E)-2-(4-arylbuta-1,3-dien-1-yl)-4H-chromen-4-ones. The final steps involved electrocyclization and oxidation of the latter compounds, in an one-pot synthesis, giving the desired 1-aryl-9H-xanthen-9-ones.

**Document Type:** Article

**Language:** English

**Author Keywords:** 1-arylxanthones; 2-methylchromone; aldol condensation; electrocyclization; oxidation

**KeyWords Plus:** BIOLOGICAL-ACTIVITIES; XANTHONES; 2,3-DIARYLXANTHONES; BIOSYNTHESIS; MECHANISM; INSIGHTS; AGENTS

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**Funding:**

| Funding Agency | Grant Number |
|---|---|
| University of Aveiro | |
| Fundacao para a Ciencia e a Tecnologia | |
| FEDER | |
| Portuguese National NMR Network (RNRMN) | |

| FCT | SFRH/BI/51098/2010 |
|---|---|

correction.

[Show funding text]

**Publisher:** GEORG THIEME VERLAG KG, RUDIGERSTR 14, D-70469 STUTTGART, GERMANY

**Web of Science Category:** Chemistry, Organic

**Subject Category:** Chemistry

**IDS Number:** 773KS

**ISSN:** 0936-5214

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