Silver-Catalyzed Decarboxylative Alkynylation of alpha,alpha-Difluoroarylacetic Acids with Ethynylbenziodoxolone Reagents

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ORGANIC LETTERS
Volume: 18 Issue: 12 Pages: 2880-2882
DOI: 10.1021/acs.orglett.6b01188
Published: JUN 17 2016
View Journal Impact

Abstract
A decarboxylating alkynylation of alpha,alpha-difluoroarylacetic acids with ethynylbenziodoxolone reagents is reported. AgNO₃ serves as the catalyst and K₂S₂O₈ as the oxidant. A series of functional groups were tolerated, and moderate to good yields were obtained.

Keywords
KeyWords Plus: ALIPHATIC CARBOXYLIC-ACIDS; ARYL BORONIC ACIDS; LIGHT PHOTOREDOX CATALYSIS; ROOM-TEMPERATURE; HYPERVALENT IODINE; ARYLBORONIC ACIDS; AQUEOUS-SOLUTION; ALPHA-ARYLATION; EBX REAGENTS; PALLADIUM

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Funding

<table>
<thead>
<tr>
<th>Funding Agency</th>
<th>Grant Number</th>
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</thead>
<tbody>
<tr>
<td>China Scholarship Council (CSC)</td>
<td></td>
</tr>
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</table>

View funding text

Publisher
AMERICAN CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA

Categories / Classification