
[Skip to Main Content](#) if(true) { document.getElementById("skipNavigationLink").onclick =function skipElement () { var element = document.getElementById('article__content'); if(element == null || element == undefined) { element = document.getElementsByClassName('article__content').item(0); } element.setAttribute('tabindex','0'); element.focus(); } }



[Access byCAS - National Science Library](#)

[Access byCAS - National Science Library](#)

- [This Journal](#)
- [Anywhere](#)

-
-

[Login / Register](#)

The full text of this article hosted at iucr.org is unavailable due to technical difficulties.

googletag.cmd.push (function () { googletag.display ('advert-leaderboard'); }); _

[Bulletin of the Korean Chemical Society](#)

[Volume 38, Issue 11](#)

Synthesis of 3a,7a-Dihydroindoles via Rhodium-catalyzed Intermolecular Formal [3 + 2] Transannulation Reactions of Triazoles with Alkyl-substituted Benzene Derivatives

[Hyunseok Kim](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

These authors contributed equally to this work. [Search for more papers by this author](#)

[Sun-Eung Kim](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

These authors contributed equally to this work. [Search for more papers by this author](#)

[Woo Hyung Jeon](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

[Search for more papers by this author](#)

[Kooyeon Lee](#)

Corresponding Author

E-mail address: lky@kangwon.ac.kr

Department of Bio-Health Technology, Kangwon National University, Chuncheon, Republic of Korea

[Search for more papers by this author](#)

[Phil Ho Lee](#)

Corresponding Author

E-mail address: phlee@kangwon.ac.kr

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

[Search for more papers by this author](#)

[Hyunseok Kim](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

These authors contributed equally to this work. [Search for more papers by this author](#)

[SunfÃ, Atilde, AtildeEung Kim](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

These authors contributed equally to this work. [Search for more papers by this author](#)

[Woo Hyung Jeon](#)

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

[Search for more papers by this author](#)

[Kooyeon Lee](#)

Corresponding Author

E-mail address: lky@kangwon.ac.kr

Department of Bio&Health Technology, Kangwon National University, Chuncheon,
Republic of Korea

[Search for more papers by this author](#)

[Phil Ho Lee](#)

Corresponding Author

E-mail address: phlee@kangwon.ac.kr

Department of Chemistry, Kangwon National University, Chuncheon, Republic of Korea

[Search for more papers by this author](#)

First published: 17 October 2017

<https://doi.org/10.1002/bkcs.11283>

[Read the full text](#)

[About](#)

[PDF](#)

[PDF](#)

[Tools](#)

- [Request permission](#)
- [Export citation](#)
- [Add to favorites](#)
- [Track citation](#)

[Share](#)

Give access

[Share full text access](#)

Share full text access

Share a link

- [Email to a friend](#)
-

-
- [Facebook](#)
 - [Twitter](#)
 - [Linkedin](#)
 - [Google+](#)
 - [Reddit](#)
 - [CiteULike](#)

Abstract

A synthetic method for a variety of 3a,7a-dihydroindoles was demonstrated from Rh-catalyzed intermolecular formal [3 + 2] transannulation reaction of 4-arylsulfonyl-1H-1,2,3-triazoles with alkyl-substituted benzene derivatives under microwave irradiation.

[Supporting Information](#)

[Volume38, Issue11](#)

November 2017

Pages 1299-1305

googletag.cmd.push (function () { googletag.display ('advert-rail-1'); }); _

-
- [Related](#)
 - [Information](#)

-

-

googletag.cmd.push (function () { googletag.display ('advert-rail-2'); }); _

-

```
var articleRef = document.querySelector('.article__body:not(.show-references) .article__references');  
if (articleRef) { articleRef.style.display = "none"; }
```

[Caption](#)

Additional links

About Wiley Online Library

- [Privacy Policy](#)
- [Terms of Use](#)
- [Cookies](#)
- [Accessibility](#)

Help & Support

- [Contact Us](#)

Opportunities

- [Subscription Agents](#)
- [Advertisers & Corporate Partners](#)

Connect with Wiley

- [The Wiley Network](#)
- [Wiley Press Room](#)

Copyright © 1999-2018 [John Wiley & Sons, Inc.](#) All rights reserved

Log in to Wiley Online Library

[NEW USER >](#) [INSTITUTIONAL LOGIN >](#)

Change Password

Congrats!

Your password has been changed

Create a new account

[Returning user](#)

Forgot your password?

Enter your email address below. If your address has been previously registered, you will receive an email with instructions on how to reset your password. If you don't receive an email, you should register as a new user

Please check your email for your password reset instructions.

Request Username

Can't sign in? Forgot your username?

Enter your email address below and we will send you your username

If the address matches an existing account you will receive an email with instructions to retrieve your username

```
if(window._satellite) { _satellite.pageBottom(); }
```

```
var _prum=[[id','59e8fecb3847311aab7b23c6'],[mark','firstbyte',(new Date()).getTime()]];function(){var s=document.getElementsByTagName('script')[0],p=document.createElement('script');p.async='async';p.src='//rum-static.pingdom.net/prum.min.js';s.parentNode.insertBefore(p,s);})();
```