

Accepted Manuscript

Ratiometric luminescence behavior of lanthanide-mixed benzenedicarboxylates frameworks

Kitt Panyarat, Supaphorn Thammakan, Athipong Ngamjarrojana, Apinpus Rujiwatra

PII: S0167-577X(17)31678-6
DOI: <https://doi.org/10.1016/j.matlet.2017.11.053>
Reference: MLBLUE 23419

To appear in: *Materials Letters*

Received Date: 17 July 2017
Revised Date: 7 November 2017
Accepted Date: 11 November 2017

Please cite this article as: K. Panyarat, S. Thammakan, A. Ngamjarrojana, A. Rujiwatra, Ratiometric luminescence behavior of lanthanide-mixed benzenedicarboxylates frameworks, *Materials Letters* (2017), doi: <https://doi.org/10.1016/j.matlet.2017.11.053>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Ratiometric luminescence behavior of lanthanide-mixed benzenedicarboxylates
frameworks**

Kitt Panyarat,^{a,b} Supaphorn Thammakan,^{a,b} Athipong Ngamjarurojana,^c Apinpus

Rujiwatra^{a,d,*}

^a *Department of Chemistry, Faculty of Science, Chiang Mai University, Chiang Mai 50200
Thailand*

^b *The Graduate School, Chiang Mai University, Chiang Mai 50200 Thailand*

^c *Department of Physics and Materials Science, Faculty of Science, Chiang Mai University,
Chiang Mai 50200 Thailand*

^d *Center of Excellence in Materials Science and Technology, Chiang Mai University, Chiang
Mai 50200 Thailand*

*To whom correspondence should be addressed.

Department of Chemistry,

Faculty of Science,

Chiang Mai University,

Chiang Mai 50200 Thailand

Tel. +66 5394 1906, Fax. +66 5389 2277

E-mail: apinpus.rujiwatra@cmu.ac.th

Download English Version:

<https://daneshyari.com/en/article/8015290>

Download Persian Version:

<https://daneshyari.com/article/8015290>

[Daneshyari.com](https://daneshyari.com)