

## Accepted Manuscript

A novel fluorescent probe (dtpa-bis(cytosine)) for detection of Eu(III) in rare earth metal ions

Fan Yang, Peipei Ren, Guanhong Liu, Youtao Song, Naishun Bu, Jun Wang



PII: S1386-1425(17)31011-9

DOI: <https://doi.org/10.1016/j.saa.2017.12.038>

Reference: SAA 15683

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received date: 8 June 2017

Revised date: 20 November 2017

Accepted date: 13 December 2017

Please cite this article as: Fan Yang, Peipei Ren, Guanhong Liu, Youtao Song, Naishun Bu, Jun Wang , A novel fluorescent probe (dtpa-bis(cytosine)) for detection of Eu(III) in rare earth metal ions. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), <https://doi.org/10.1016/j.saa.2017.12.038>

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.

# A novel fluorescent probe (dtpa-bis(cytosine)) for detection of Eu(III) in rare earth metal ions

Fan Yang <sup>a</sup>, Peipei Ren <sup>b</sup>, Guanhong Liu <sup>b</sup>, Youtao Song <sup>b</sup>, Naishun Bu <sup>b,\*</sup>, Jun Wang <sup>a,b,\*</sup>

<sup>a</sup> *College of Chemistry, Liaoning University, Shenyang 110036, P. R. China*

<sup>b</sup> *College of Environment, Liaoning University, Shenyang 110036, P. R. China*

Received 00 June 2017; received in revised form 00 June 2017; accepted 00 June 2017; Available online 00 June 2017

**Corresponding author:** Jun Wang (Ph. D),

College of Chemistry,

Liaoning University,

Shenyang 110036,

P. R. China.

(Tel) +86 024 62207859, (Fax) +86 024 62202053.

(E-mail) wangjun888tg@126.com (J. Wang).

(E-mail) wangjun891@sina.com (J. Wang).

---

\* Corresponding author Tel.: +86-24-62207859; Fax: +86-24-62202053.

E-mail address: wangjun888tg@126.com (J. Wang); wangjun891@sina.com (J. Wang).

<http://dx.doi.org/00.0000/j.saa.2017.00.000>

0000-0000/© 2017 Elsevier B.V. All rights reserved.

Download English Version:

<https://daneshyari.com/en/article/7670001>

Download Persian Version:

<https://daneshyari.com/article/7670001>

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