

Accepted Manuscript

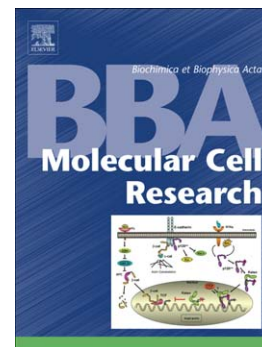
The acetylenic tricyclic bis(cyano enone), TBE-31, targets microtubule dynamics and cell polarity in migrating cells

Eddie Chan, Akira Saito, Tadashi Honda, Gianni M. Di Guglielmo

PII: S0167-4889(16)00020-3
DOI: doi: [10.1016/j.bbamcr.2016.01.008](https://doi.org/10.1016/j.bbamcr.2016.01.008)
Reference: BBAMCR 17778

To appear in: *BBA - Molecular Cell Research*

Received date: 3 September 2015
Revised date: 6 January 2016
Accepted date: 12 January 2016



Please cite this article as: Eddie Chan, Akira Saito, Tadashi Honda, Gianni M. Di Guglielmo, The acetylenic tricyclic bis(cyano enone), TBE-31, targets microtubule dynamics and cell polarity in migrating cells, *BBA - Molecular Cell Research* (2016), doi: [10.1016/j.bbamcr.2016.01.008](https://doi.org/10.1016/j.bbamcr.2016.01.008)

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.

The acetylenic tricyclic bis(cyano enone), TBE-31, targets microtubule dynamics and cell polarity in migrating cells*

Eddie Chan¹, Akira Saito², Tadashi Honda^{2,3} and Gianni M. Di Guglielmo¹

¹Department of Physiology and Pharmacology, University of Western Ontario,
London, ON, Canada

²Institute of Chemical Biology and Drug Discovery, Stony Brook University
Stony Brook, NY, USA

³Department of Chemistry, Stony Brook University
Stony Brook, NY, USA

*Running Title: *TBE-31* *interferes with microtubule dynamics and cell migration.*

To whom correspondence should be addressed: John Di Guglielmo, Department of Physiology and Pharmacology, Medical Sciences Building, Western University, London, ON, Canada
Email: john.diguglielmo@schulich.uwo.ca, Tel; (519) 661-2111 x80042

Download English Version:

<https://daneshyari.com/en/article/10801773>

Download Persian Version:

<https://daneshyari.com/article/10801773>

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