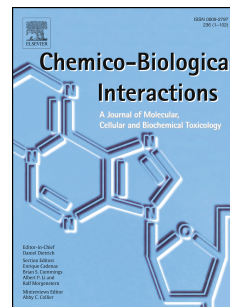


Accepted Manuscript

Reaction kinetic studies for comparison of mutagenic potency between butadiene monoxide and glycidamide

Hitesh V. Motwani, Lars Eriksson, Lisa Göpfert, Kristian Larsen



PII: S0009-2797(18)30012-7

DOI: [10.1016/j.cbi.2018.03.017](https://doi.org/10.1016/j.cbi.2018.03.017)

Reference: CBI 8263

To appear in: *Chemico-Biological Interactions*

Received Date: 9 January 2018

Revised Date: 13 March 2018

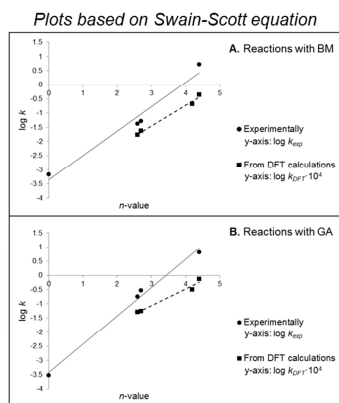
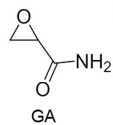
Accepted Date: 27 March 2018

Please cite this article as: H.V. Motwani, L. Eriksson, L. Göpfert, K. Larsen, Reaction kinetic studies for comparison of mutagenic potency between butadiene monoxide and glycidamide, *Chemico-Biological Interactions* (2018), doi: 10.1016/j.cbi.2018.03.017.

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.



Reaction kinetic characterization
for formation of DNA adducts
using model nucleophiles



Ability to react with the critical O-
sites of DNA ($n \approx 2$; proportional to
mutagenic potency per dose)

**Predicted mutagenic
potency of GA ca. 1.5
times more than BM**

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8544763>

Download Persian Version:

<https://daneshyari.com/article/8544763>

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