

Accepted Manuscript

The complexation of steroid hormones into cyclodextrin alters the toxic effects on the biological parameters of zebrafish (*Danio rerio*)



Marília Cordeiro Galvão da Silva, Jadson Freitas da Silva, Thamiris Pinheiro Santos, NielyPriscila Correia da Silva, Amanda Rodrigues dos Santos, André Lucas Corrêa de Andrade, Elton Hugo Lima da Silva Souza, Marília Ribeiro Sales Cadena, Fabrício Bezerra de Sá, Valdemiro Amaro da Silva Junior, Pabyton Gonçalves Cadena

PII: S0045-6535(18)31772-7

DOI: 10.1016/j.chemosphere.2018.09.116

Reference: CHEM 22196

To appear in: *Chemosphere*

Received Date: 26 June 2018

Accepted Date: 18 September 2018

Please cite this article as: Marília Cordeiro Galvão da Silva, Jadson Freitas da Silva, Thamiris Pinheiro Santos, NielyPriscila Correia da Silva, Amanda Rodrigues dos Santos, André Lucas Corrêa de Andrade, Elton Hugo Lima da Silva Souza, Marília Ribeiro Sales Cadena, Fabrício Bezerra de Sá, Valdemiro Amaro da Silva Junior, Pabyton Gonçalves Cadena, The complexation of steroid hormones into cyclodextrin alters the toxic effects on the biological parameters of zebrafish (*Danio rerio*), *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2018.09.116

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 complexation of steroid hormones into cyclodextrin alters the toxic effects on the biological parameters of zebrafish (*Danio rerio*)

Marília Cordeiro Galvão da Silva¹, Jadson Freitas da Silva¹, Thamiris Pinheiro Santos¹, Niely Priscila Correia da Silva¹, Amanda Rodrigues dos Santos¹, André Lucas Corrêa de Andrade¹, Elton Hugo Lima da Silva Souza¹, Marilia Ribeiro Sales Cadena², Fabrício Bezerra de Sá¹, Valdemiro Amaro da Silva Junior³, Pabyton Gonçalves Cadena^{1*}

¹Departamento de Morfologia e Fisiologia Animal (DMFA), Universidade Federal Rural de Pernambuco. Av. Dom Manoel de Medeiros s/n, 52171-900, Dois Irmãos, Recife - PE, Brasil.

²Departamento de Biologia (DBio), Universidade Federal Rural de Pernambuco. Av. Dom Manoel de Medeiros s/n, 52171-900, Dois Irmãos, Recife - PE, Brasil.

³Departamento de Medicina Veterinária (DMV), Universidade Federal Rural de Pernambuco (UFRPE). Av. Dom Manoel de Medeiros s/n, 52171-900, Dois Irmãos, Recife - PE, Brasil.

*To whom correspondence should be addressed:

Prof. Dr. Pabyton G. Cadena, Laboratório de Ecofisiologia e Comportamento Animal (LECA), Universidade Federal Rural de Pernambuco.

Av. Dom Manoel de Medeiros s/n, 52171-900, Dois Irmãos, Recife - PE, Brasil.

Phone number: + 55 81 3320.6393, Fax: +55 81 3320.6057.

E-mail: pabyton.cadena@ufrpe.br

Download English Version:

<https://daneshyari.com/en/article/11025161>

Download Persian Version:

<https://daneshyari.com/article/11025161>

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