

# Accepted Manuscript

Multifunctional thiosemicarbazones and deconstructed analogues as a strategy to study the involvement of metal chelation, Sigma-2 ( $\sigma_2$ ) receptor and P-gp protein in the cytotoxic action: *In vitro* and *in vivo* activity in pancreatic tumors

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PII: S0223-5234(17)31030-9

DOI: [10.1016/j.ejmech.2017.12.024](https://doi.org/10.1016/j.ejmech.2017.12.024)

Reference: EJMECH 10002

To appear in: *European Journal of Medicinal Chemistry*

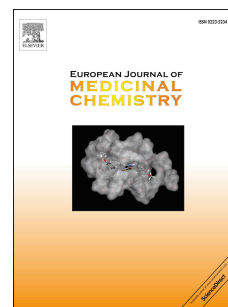
Received Date: 7 August 2017

Revised Date: 17 November 2017

Accepted Date: 7 December 2017

Please cite this article as: M.L. Pati, M. Niso, D. Spitzer, F. Berardi, M. Contino, C. Riganti, W.G. Hawkins, C. Abate, Multifunctional thiosemicarbazones and deconstructed analogues as a strategy to study the involvement of metal chelation, Sigma-2 ( $\sigma_2$ ) receptor and P-gp protein in the cytotoxic action: *In vitro* and *in vivo* activity in pancreatic tumors, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2017.12.024.

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# Multifunctional Thiosemicarbazones and Deconstructed Analogues as a Strategy to Study the Involvement of Metal Chelation, Sigma-2 ( $\sigma_2$ ) Receptor and P-gp Protein in the Cytotoxic Action: *in vitro* and *in vivo* Activity in Pancreatic Tumors

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**Abbreviations:** AST, aspartate aminotransferase; ALT, alanine aminotransferase; BUN, blood urea nitrogen; Cr, Creatinine; i.p, intraperitoneal; ROS, reactive oxygen species;

**Supplementary Information:** Synthesis of intermediate compound **12** and final compounds **13** and **14**. Western blot for P-gp detection in KP02 cell. ROS involvement, caspase-3 activity and

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