

5-(2-Carboxyethenyl)-Isatin Derivatives as Anticancer Agents: QSAR, Molecular Docking and, Molecular Dynamic Simulation Analysis

L. Emami^{1,2}, Z. Faghih^{1**}, M. Fereidoonzhad³, S. Khabnadideh^{1,2}, F. Salehi², A. Abbasi^{1,2}, A.H. Sakhteman²

¹ Pharmaceutical Sciences Research Center, Shiraz University of Medical Sciences, Shiraz, Islamic Republic of Iran

² Department of Medicinal Chemistry, Faculty of Pharmacy, Shiraz University of Medical Sciences, Shiraz, Islamic Republic of Iran

³ Department of Medicinal Chemistry, School of Pharmacy, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

Table S1. Leverage (h) of the external test set molecules for different models. The last row (h^*) is the warning leverage.

Molecular No	MLR	FA-MLR	PCR	GA-MLR	GA-PLS
12	0.23	0.02	0.23	0.1	0.4
15	0.34	0.003	0.14	0.31	0.06
17	0.25	0.001	0.39	0.22	0.36
18	0.55	0.12	0.14	0.21	0.29
20	0.27	0.07	0.14	0.27	0.17
21	0.27	0.003	0.18	0.25	0.29
22	1.03	0.04	0.13	0.097	0.12
23	0.4	0.03	0.22	0.43	0.59
26	0.32	0.07	0.12	0.21	0.24
34	0.14	0.06	0.15	0.18	0.14
37	0.58	0.02	0.20	0.36	0.45
h*	1.04	0.13	0.65	0.65	0.91

* Corresponding author: Tel: 009807132424127-8; Fax: +9807132424126; Email: layafaghih@gmail.com