Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2024

## Click synthesis of novel 6-((1H-1,2,3-triazol-4-yl)methyl)-6H-indolo[2,3-b]quinoxalines for in *vitro* anticancer evaluation and docking studies

## Tamer El Malah,\*<sup>a</sup> Ahmed A. El-Rashedy,<sup>b</sup> Mohamed Ibrahim Hegab<sup>a</sup> Hanem M. Awad<sup>c</sup> and Ahmed Hussien Shamroukh<sup>a</sup>

<sup>a</sup>Photochemistry Department, Chemical Industries Research Institute, National Research Centre, 33 El Buhouth Street, P.O. Box 12622, Cairo, Egypt

<sup>b</sup>Natural and Microbial Products Department, National Research Center, Egyp

<sup>c</sup>Department of Tanning Materials and Leather Technology, National Research Centre, 33 El Buhouth Street, P.O. Box 12311, Cairo, Egypt.

\* CONTACT Tamer El Malah 😂 tmara\_nrc3000@yahoo.com 🕒 Photochemistry Department, Chemical Industries Research Institute, National Research Centre, 33 El Buhouth Street, P.O. Box 12622, Cairo, Egypt



Figure S2. <sup>13</sup>C NMR spectrum of compound 24 (CDCl<sub>3</sub>, 100 MHz, 298 K).



Figure S4. <sup>13</sup>C NMR spectrum of compound 25 (CDCl<sub>3</sub>, 100 MHz, 298 K).





Figure S6. <sup>13</sup>C NMR spectrum of compound 26 (CDCl<sub>3</sub>, 100 MHz, 298 K).



Figure S8. <sup>13</sup>C NMR spectrum of compound 27 (CDCl<sub>3</sub>, 100 MHz, 298 K).



Figure S10. <sup>13</sup>C NMR spectrum of compound 28 (CDCl<sub>3</sub>, 100 MHz, 298 K).



Figure S12. <sup>13</sup>C NMR spectrum of compound 29 (CDCl<sub>3</sub>, 100 MHz, 298 K).