

In this issue

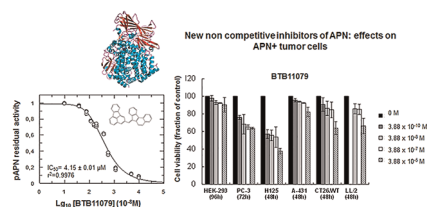
Isel Pascual Alonso, Gabriela García, Lisset Díaz, Yarini Arrebola, Laura Rivera Méndez, Fabiola Almeida García, Mae Chappé Pacheco, Belinda Sánchez and Jean-Louis Charli

Effect of non-competitive inhibitors of aminopeptidase N on viability of human and murine tumor cells

<https://doi.org/10.1515/pac-2020-1010>
Pure Appl. Chem. 2021; 93(10): 1161–1170

Conference paper: New non-competitive inhibitors of APN: effects on APN+ tumor cells.

Keywords: Cell viability; inhibitors; neutral aminopeptidase; tumor cell; Virtual Conference on Chemistry and its Applications.



John P. Canal
Maximizing student learning through the use of demonstrations

<https://doi.org/10.1515/pac-2020-1005>
Pure Appl. Chem. 2021; 93(10): 1181–1188

Conference paper: Interactive demonstrations: An effective tool in teaching science to non-science students.

Keywords: Curriculum; demonstrations; science education research; upper-division undergraduate; Virtual Conference on Chemistry and its Applications.



Kriti Kashyap and Rita Kakkar
In silico study of the synergistic anti-tumor effect of hybrid topoisomerase-HDAC inhibitors

<https://doi.org/10.1515/pac-2021-0111>
Pure Appl. Chem. 2021; 93(10): 1213–1228

Keywords: Antitumor activity; bioactive molecules; Chemistry and Its Applications; computational chemistry; enzyme inhibitors; hydrogen bonding; medicinal chemistry; modeling; molecular mechanics; protein interactions; structure-activity; VCCA-2020.

