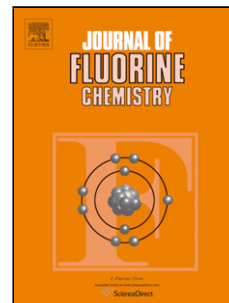


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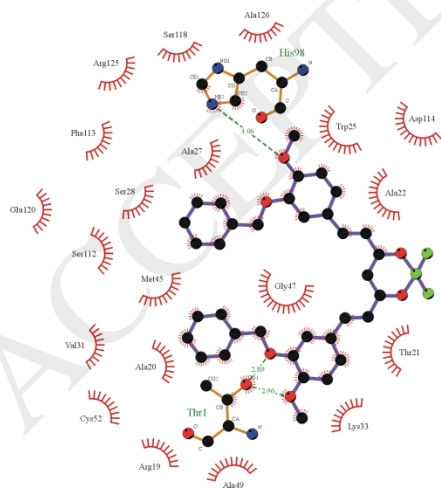
## Novel Fluorinated Curcuminoids and their Pyrazole and Isoxazole Derivatives: Synthesis, Structural Studies, Computational/Docking and *in-vitro* Bioassay

Kenneth K. Laali,<sup>\*[a]</sup> William J. Greves,<sup>[a]</sup> Sebastian J. Correa-Smits,<sup>[a]</sup> Angela T. Zwarycz,<sup>[a]</sup> Scott D. Bunge,<sup>[b]</sup> Gabriela L. Borosky,<sup>[c]</sup> Alak Manna,<sup>[d]</sup> Aneel Paulus<sup>[d, e]</sup>, Asher Chanan-Khan<sup>[d, e]</sup>

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### Graphical Abstract



Binding interactions of a curcuminoid-BF<sub>2</sub> adduct in the active site of proteasome

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