

Supplementary data

Chemical Composition of *Pinus roxburghii* Bark Volatile Oil and Validation of Its Anti-Inflammatory Activity Using Molecular Modelling and Bleomycin-Induced Inflammation in *Albino* Mice

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Figure S1: (a) Alignment of the X-ray bioactive conformer with the best fitted pose of the lead compound (dexamethasone); (b) binding of palmitic acid within the active pocket of human glucocorticoid receptors (GR).

Table S1: The binding percentage of PRO on the cannabinoids and opioids receptors.

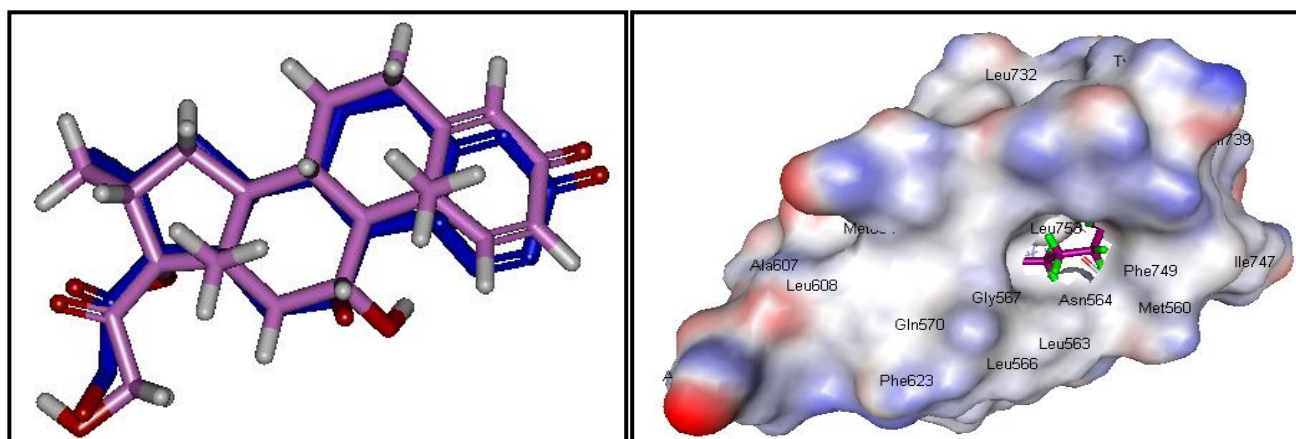


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| Receptor | CB1 | CB2 | <i>Delta</i> | <i>Kappa</i> | <i>Mu</i> |
|----------|-----|-----|--------------|--------------|-----------|
| PRO | NA | 2.9 | 6.9 | 10.9 | 22.0 |

NA: no activity