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Stabilization of hyperforin dicyclohexylammonium salt with dissolved albumin and albumin nanoparticles for studying hyperforin effects on 2D cultivation of keratinocytes *in vitro*

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Key Words: Hyperforin, stabilization, albumin, serum, HaCaT, albumin nanoparticles

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Abbreviations: DMEM, Dulbecco's Modified Eagle Medium; KGM, keratinocyte growth medium; HYP, hyperforin; HYP-DCHA, hyperforin dicyclohexylammonium; FCS, fetal calf serum; BSA, bovine serum albumine; ANP, albumin nanoparticle; s.d., standard deviation; w/o, without; PDI, polydispersity index; *SynFoBiA*, *Novel synthesis and formulation methods for poorly soluble drugs and sensitive biopharmaceuticals*; PVZ, Center of Pharmaceutical Engineering

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