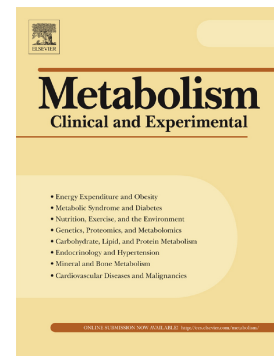


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Aegeline inspired synthesis of novel β 3-AR agonist improves insulin sensitivity *in vitro* and *in vivo* models of insulin resistance.

Sujith Rajan^{1,2*}, Sabbu Satish^{3*}, Kripa Shankar¹, Sukanya Pandeti³, Salil Varshney^{1,2}, Ankita Srivastava^{1,2}, Durgesh Kumar^{1,2}, Abhishek Gupta¹, Sanchita Gupta^{1,2}, Rakhi Choudhary⁴, Vishal M. Balaramnavar⁴, Tadigoppula Narender^{2,3}, Anil N Gaikwad^{1,2#}.

Running title: Compound 10C revert insulin resistance by inducing browning

*Both authors have contributed equally

¹Division of Pharmacology, CSIR-Central Drug Research Institute, Lucknow - 226031, India

²Academy of Scientific and Innovative Research, CSIR-CDRI.

³Division of Medicinal and Process Chemistry, CSIR-Central Drug Research Institute, Lucknow - 226031, India.

⁴Global Institute of Pharmaceutical Education and Research, Jaspur Road, Kashipur, Uttarakhand, India, 244713.

#Corresponding Authors: Anil Nilkanth Gaikwad, Division of Pharmacology, CSIR-Central Drug Research Institute, Lucknow, Uttar Pradesh, India.

Tel.: +91 522 2771940x4876; **fax:** +91 522 2771941

E-mail: anil_gaikwad@cdri.res.in

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