

Efficacy and Safety of Tenueligliptin Added to Metformin in Chinese Patients with Type 2 Diabetes Mellitus Inadequately Controlled With Metformin: A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study

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- In this multicentre, randomized, double-blind, placebo-controlled, parallel-group study, tenueligliptin 20 mg or placebo was administered orally once daily before breakfast for 24 weeks in type 2 diabetes patients receiving a stable metformin dose ≥ 1000 mg/day.
- The mean differences between the placebo and tenueligliptin groups in HbA1c (glycosylated haemoglobin) and FPG (fasting plasma glucose) were $-0.71\% \pm 0.11\%$ and -16.5 ± 4.7 mg/dl, respectively.
- Tenueligliptin yielded significant changes in HbA1c (-0.81%) and FPG (-22.2 mg/dl) at Week 12.
- At Week 24, more patients achieved HbA1c $< 7\%$ with tenueligliptin (41.7%) compared with placebo (16.1%).

Tenueligliptin 20 mg once daily for 24 weeks added to ongoing metformin treatment significantly decreased HbA1c and FPG levels compared with placebo. The combination was safe and tolerable.