

ABSTRACT

**BENZO OXYGEN-CONTAINING HETEROCYCLIC COMPOUNDS AND
MEDICAL APPLICATION THEREOF**

5

Disclosed in the present invention are a compound represented by formula Ib or IIb,
a cis or trans isomer, enantiomer, diastereomer, racemate, tautomer, solvate, hydrate, and
pharmaceutically acceptable salt thereof, or a mixture thereof, a pharmaceutical
composition containing the compound, and a use of the compound as a GPR40 agonist,
10 wherein n, E, G¹, L¹, L², R¹, R², R³, R⁴, R⁵, R^{5b}, R⁶, R⁷, X⁵, X⁶, X⁷, Y, Y¹, Z, Z¹, and the
possible isotopic substitution label of each element in the compound are as defined in the
description.

