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(54) Title: COMPOSITIONS AND METHODS FOR REDUCING RESPIRATORY DEPRESSION AND ATTENDANT SIDE EFFECTS OF MU OPIOID COMPOUNDS

(57) Abstract

A method of reducing, treating or preventing drug-mediated respiratory depression, muscle rigidity, or nausea/vomiting in an animal, incident to the administration to said animal of a mixed delta/mu opioid agonist or a respiratory depression-mediating drug, comprising administering to the animal receiving said drug an effective amount of a delta receptor agonist compound. The figure shows the effect of the positive isomer of the delta agonist BW373U86 on analgesia and respiratory depression induced by the mu agonist, alfenta. The delta agonist compound may comprise a compound of formula (I), wherein the variables of Ar, G, Z, R², R³, R⁴, R⁵, R⁶ and R⁷ are herein described in the description.

