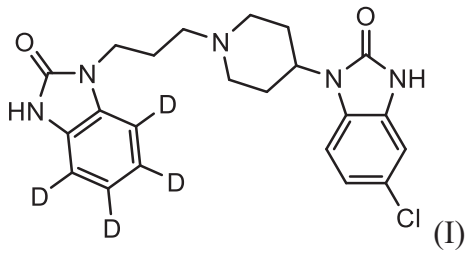
FORMULATIONS CONTAINING DEUTERATED DOMPERIDONE

ABSTRACT

The disclosure provides pharmaceutical formulations comprising d_4-domperidone of the formula (I):



(I)

or a pharmaceutically acceptable salt thereof. The formulations also contain (i)a glyceryl stearate, and a medium chain triglyceride; or (ii) a stearoyl polyoxyl glyceride, a nonionic poly(ethylene oxide) polymer, and a medium chain triglyceride; or (iii) a nonionic poly(ethylene oxide) polymer, and a polyethylene glycol. The disclosure also provides methods for treating a disorder that is gastroparesis, nausea apart from gastroparesis, vomiting apart from gastroparesis, nausea associated with gastroparesis, vomiting associated with gastroparesis, gastroesophageal reflux disease, insufficient lactation, or a combination thereof in a patient, comprising administering to the patient a formulation described herein. In some aspects, the disorder is gastroparesis. In other aspects, the disorder is gastroesophageal reflux disease. In further aspects, the disorder is insufficient lactation.

[No suitable figure]