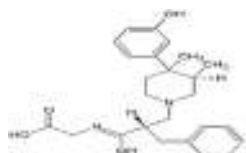


Alvimopan

ALTERNATE NAME: ADL 8-2698
N-[(2S)-2-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-1-oxo-3-phenylpropyl]-glycine
LY246736

CATALOG #: B2472-5 5 mg
B2472-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₃₂N₂O₄

MOLECULAR WEIGHT: 424.5

CAS NUMBER: 156053-89-3

APPEARANCE: Crystalline solid

PURITY: ≥98%

STORAGE: Store at -20°C.

SOLUBILITY: ~20 mg/ml DMSO

DESCRIPTION: Alvimopan is a peripherally acting μ -opioid receptor antagonist ($K_i = 0.47$ nM) that is selective over the κ - and δ -opioid receptors (K_i 's = 100 nM and 12 nM, respectively). It is used to avoid postoperative ileus following small or large bowel resection and accelerates the gastrointestinal recovery period.

REFERENCES: Le Bourdonnec, B., et al. (2008). Bioorg. Med. Chem. Lett. 18, 2006-2012.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

alpha-Endorphin (Human) ELISA Kit (E4534)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*