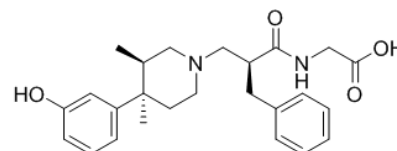


Product Name : Alvimopan
Cat. No. : PC-43423
CAS No. : 156053-89-3
Molecular Formula : C₂₅H₃₂N₂O₄
Molecular Weight : 424.5326
Target : Opioid Receptor
Solubility : 10 mM in DMSO



Biological Activity

Alvimopan (LY 246736) is a selective peripherally acting **μ-opioid** (MOR) antagonist with IC₅₀ of 1.7 nM for the treatment of postoperative ileus.

Alvimopan (LY 246736) prevents gastrointestinal effects of intravenous morphine without affecting analgesia.

Alvimopan (LY 246736) is orally active.

References

Fukuda H, et al. Brain Res. 2006 Aug 2;1102(1):63-70.

Taguchi A, et al. N Engl J Med. 2001 Sep 27;345(13):935-40.

Schmidt WK. Am J Surg. 2001 Nov;182(5A Suppl):27S-38S.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com