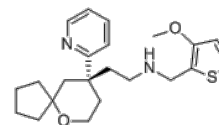


Product Name : Oliceridine
Cat. No. : PC-61681
CAS No. : 1401028-24-7
Molecular Formula : C₂₂H₃₀N₂O₂S
Molecular Weight : 386.55
Target : Opioid Receptor
Solubility :



Biological Activity

Oliceridine (Olinvo, TRV130) is a potent, selective, and G protein biased **μ opioid receptor (MOR)** agonist with pEC₅₀ of 8.1; displays 178-fold selectivity over KOR and 355-fold selectivity over DOR; elicits robust G protein signaling, with potency and efficacy similar to morphine in cell-based assays; is potently analgesic with reduced gastrointestinal and respiratory dysfunction compared with morphine in mice and rats.

Pain

Phase 3 Clinical

References

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DeWire SM, et al. *J Pharmacol Exp Ther*. 2013 Mar;344(3):708-17.

Schneider S, et al. *Biochemistry*. 2016 Nov 22;55(46):6456-6466.

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

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