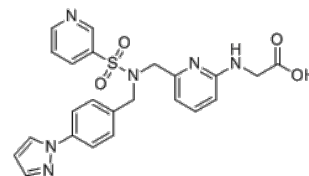


Product Name : Omidenepag
Cat. No. : PC-35402
CAS No. : 1187451-41-7
Molecular Formula : C₂₃H₂₂N₆O₄S
Molecular Weight : 478.527
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Omidenepag (UR-7276) is a potent, selective agonist human **EP2** receptor with binding IC₅₀/EC₅₀ of 10/1.7 nM, >500-fold selectivity over EP1, EP3 and EP4 receptors.

Omidenepag is the active form of Omidenepag Isopropyl (OMDI).

References

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- Impagnatiello F, et al. *Br J Pharmacol.* 2018 Apr 18. doi: 10.1111/bph.14328.
- Fuwa M, et al. *J Ocul Pharmacol Ther.* 2018 Jul 10. doi: 10.1089/jop.2017.0146.
- Iwamura R, et al. *J Med Chem.* 2018 Jul 11. doi: 10.1021/acs.jmedchem.8b00808.

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

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