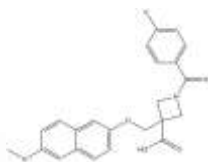


**PRODUCT: PF-04418948****RELATED PRODUCTS:**Prostaglandin E2 (**2268**)TG6-10-1 (**9646**)**ALTERNATE NAME:** 1-(4-fluorobenzoyl)-3-[(6-methoxynaphthalen-2-yl)oxymethyl]azetidine-3-carboxylic acid**CATALOG #:** B1168-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>23</sub>H<sub>20</sub>FNO<sub>5</sub>**MOLECULAR WEIGHT:** 409.41**CAS NUMBER:** 1078166-57-0**APPEARANCE:** White Solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** PF-04418948 is a potent EP2 receptor antagonist with an IC<sub>50</sub> of 16 nM for human EP2 receptors. It also displays greater selectivity for EP2 receptors over EP1, 3, 4, DPI and CRTH2 receptors. It inhibits PGE2 induced increase in intracellular cAMP. In vivo activity includes reversing the PGE2 invoked relaxation of mouse trachea.**REFERENCES:** Birrell, M.A. *et al.* (2013). *Br.J.Pharmacol.* **168**, 129-138**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**