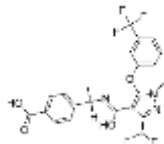


**PRODUCT: E-7046****RELATED PRODUCTS:**Lubiprostone (**B1319**)  
Prostaglandin E2 (**2268**)**ALTERNATE NAMES:** 4-[(1S)-1-[[[3-(difluoromethyl)-1-methyl-5-[3-(trifluoromethyl)phenoxy]-1H-pyrazol-4-yl]carbonyl]amino]ethyl]-benzoic acid**CATALOG NUMBER:** B1966-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>22</sub>H<sub>18</sub>F<sub>5</sub>N<sub>3</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 483.41**CAS NUMBER:** 1369489-71-3**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** E-7046 is a specific antagonist of the type 4 prostaglandin E2 (PGE2) receptor EP4 (IC<sub>50</sub> = 13.5 nM). It possesses significant antitumor growth activity in multiple preclinical tumor models through modulating myeloid cells, including tumor-associated macrophages and myeloid-derived suppressor cells.**REFERENCES:** Albu, D.I., *et al.* (2017). *Oncoimmunology* **6**, e1338239. doi: 10.1080/2162402X.2017.1338239**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** ***FOR RESEARCH USE ONLY! Not to be used in humans***