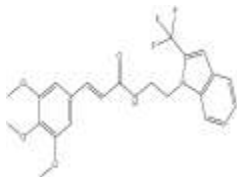


**PRODUCT: TG6-10-1****ALTERNATE NAME:** (E)-N-(2-(2-(trifluoromethyl)-1H-indol-1-yl)ethyl)-3-(3,4,5-trimethoxyphenyl)acrylamide**CATALOG #:** 9646-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>23</sub>H<sub>23</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 448.43**CAS#:** 1415716-58-3**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C Protect from air and light**DESCRIPTION:** TG6-10-1 is a potent and selective antagonist for the prostaglandin E2 receptor subtype EP2. Displays low-nanomolar antagonist activity against only EP2, >300-fold selectivity over human EP3, EP4, and IP receptors, 100-fold selectivity over EP1 receptors.**REFERENCE:** Rojas, A., *et al.* (2015). *Neuropharmacology* **93**, 15-27.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

COX-2 Inhibitor Screening Kit (Fluorometric) (Cat. No. K547-100)

Prostaglandin E2 (Cat. No. 2268-5, 25)

SW-033291 (Cat. No. 9584-5, 25)

**USAGE:** FOR RESEARCH USE ONLY! Not to be used in humans!