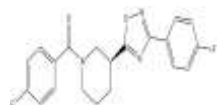


PRODUCT: ADX-47273**ALTERNATE NAME:** (S)-(4-fluorophenyl)(3-(3-(4-fluorophenyl)-1,2,4-oxadiazol-5-yl)piperidin-1-yl)methanone**CATALOG #:** 9562-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₁₇F₂N₃O₂**MOLECULAR WEIGHT:** 369.37**CAS NUMBER:** 851881-60-2**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** ADX-47273 is a potent and selective mGluR5 receptor PAM (positive allosteric modulator), EC₅₀ = 0.17 μm, with no effect on other mGluR subtypes. ADX-47273 elevates extracellular signal-regulated kinase and cAMP-responsive element-binding protein phosphorylation in hippocampus and prefrontal cortex.**REFERENCES:** Stauffer, S.R. (2011). *ACS Chem. Neurosci.* **2**, 450-470.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Congo Red (Cat. No. 2588-100 500)

Evans Blue Tetrasodium (Cat. No. 2586-1G)

Kainic acid (Cat. No. 2279-5, 25)

LY404187 (Cat. No. 2698-5, 25)

LY-341495 (Cat. No. 2875-1,5)

Rose Bengal (Cat. No. 2587-100, 500)

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