

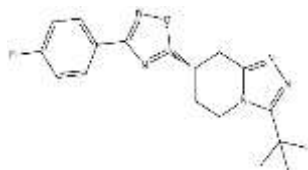
# LSN-2814617

**ALTERNATE NAME:** LSN2814617  
5-[(7S)-3-tert-butyl-5H,6H,7H,8H-[1,2,4]triazolo[4,3-a]pyridin-7-yl]-3-(4-fluorophenyl)-1,2,4-oxadiazole

**CATALOG #:** B2345-5  
B2345-25

**AMOUNT:** 5 mg  
25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>18</sub>H<sub>20</sub>FN<sub>5</sub>O

**MOLECULAR WEIGHT:** 341.39

**CAS NUMBER:** 1313498-08-6

**APPEARANCE:** Crystalline solid

**PURITY:** ≥97% by HPLC

**SOLUBILITY:** In DMSO

**STORAGE:** -20°C

**DESCRIPTION:** LSN-2814617 is a potent and selective positive allosteric modulator at the mGlu<sub>5</sub> receptor (EC<sub>50</sub> = 24 nM). It acts as a potent and selective potentiator of human and rat mGlu<sub>5</sub> receptors in vitro, displaying curve shift ratios of two to three fold in the concentration-response relationship to glutamate or the glutamate receptor agonist, DHPG, with no detectable intrinsic agonist properties.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**  
MPEP hydrochloride (B1151)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*