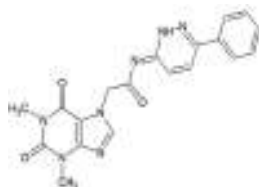


# ETC-159

**ALTERNATE NAME:** 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxo-N-(6-phenyl-3-pyridazinyl)-7H-purine-7-acetamide  
ETC159  
ETC-1922159

**CATALOG #:** B3257-5 5 mg  
B3257-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>17</sub>N<sub>7</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 391.4

**CAS NUMBER:** 1638250-96-0

**APPEARANCE:** Crystalline solid

**PURITY:** ≥95%

**SOLUBILITY:** >30 mg/ml DMSO

**DESCRIPTION:** ETC-159 is a selective small molecule inhibitor of porcupine (PORCN), an enzyme required for palmitoylation and secretion of all Wnt ligands. It inhibits β-catenin reporter activity (IC<sub>50</sub> = 2.9 nM) and reduces the interaction of Wnt with its carrier protein WLS via decreased Wnt palmitoylation in STF3A cells, an effect that is reversed by overexpression of recombinant PORCN. In preclinical studies, ETC-159 induces tumor regression in patient-derived xenograft models.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

LGK974 (2645)  
IWP-2 (1962)  
IWP-3 (2349)  
IWP-4 (2650)

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