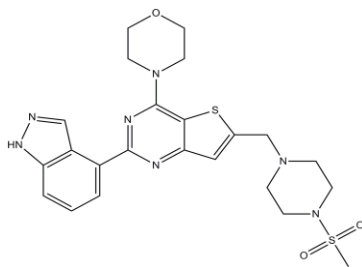


**GDC-0941**

CATALOG #: 1623-1 1 mg  
1623-5 5 mg

**STRUCTURE:**

MOLECULAR FORMULA: C<sub>23</sub>H<sub>27</sub>N<sub>7</sub>O<sub>3</sub>S<sub>2</sub>

MOLECULAR WEIGHT: 513.64

CAS NUMBER: 957054-30-7

APPEARANCE: Solid

SOLUBILITY: DMSO

PURITY: ≥99%

STORAGE: Keep cool and dry, Store at -20°C

**DESCRIPTION:** GDC-0941 is a potent inhibitor of p110 $\alpha$  and p110 $\delta$  (IC<sub>50</sub> = 3 nM). It selectively binds to PI3 K isoforms in an ATP-competitive manner, inhibiting the production of the secondary messenger phosphatidylinositol-3,4,5-trisphosphate (PIP<sub>3</sub>) and activation of the PI3-K/Akt signaling pathway.

**REFERENCES:** Folkes, A.J., *et al.* (2008). *J. Med. Chem.* **51**, 5522.

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

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

**RELATED PRODUCTS:**

- BEZ235 (Cat. No. 1626-5, 25)
- LY 294002 (Cat. No. 1667-5, 25)
- IC87114 (Cat. No. 1661-1)
- TGX-115 (Cat. No. 1660-1)
- Wortmannin (Cat. No. 1670-1)