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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GDC-0941, Free Base

Catalog #: 27000

Lot #: 111107

Size: 10 mg

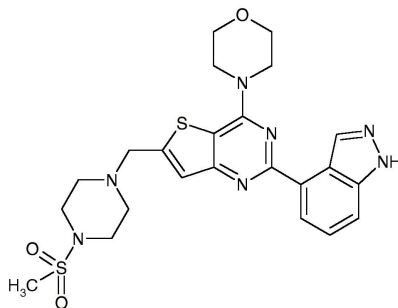
Structure:

CAS Registry #: 957054-30-7

Purity: ≥ 95%

Chemical Formula: C₂₃H₂₇N₇O₃S₂

Molecular Weight: 513.64



Description: GDC-0941 is a phosphatidylinositol 3-kinase (PI3K) inhibitor.

Appearance: White solid.

Solubility: Soluble in DMSO at 66 mg/mL; very poorly soluble in ethanol; very poorly soluble in water; maximum solubility in plain water is estimated to be about 10-50 µM buffers, serum, or other additives may increase or decrease the aqueous solubility.

Biological Activity: GDC-0941 against p110α/p120γ IC₅₀=0.003µM. The IC₅₀ for inhibiting cell proliferation in PC3 (prostate cancer) or U87MG (glioma) cells is 0.28 µM and 0.95 µM, respectively.

Storage/Stability: Store at or below -20 °C.

Quality Control: The purity was determined by HPLC.

References:

1. Folkes, A.J. *et al. J. Med. Chem.* **51**: 5522-5532 (2008).
2. Yao, E. *et al Clin. Cancer Res.* **15**: 4147-4156 (2009).