

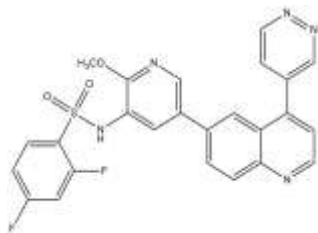
GSK-2126458

ALTERNATE NAME: 2,4-Difluoro-N-(2-(methoxy)-5-[4-(4-pyridazinyl)-6-quinolinyl]-3-pyridinyl)benzenesulfonamide

CATALOG #: 1961-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₁₇F₂N₅O₃S

MOLECULAR WEIGHT: 505.50

CAS NUMBER: 1086062-66-9

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~ 5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light

DESCRIPTION: Cell-permeable. A highly potent, pan phosphoinositide 3-kinase (PI 3-K) family kinase inhibitor with biochemical Ki's of 0.019 nM (PI 3-K α), 0.13 nM (PI 3-K β), 0.024 nM (PI 3-K δ), 0.06 nM (PI 3-K γ), 0.18 nM (mTORC1), and 0.3 nM (mTORC2). In vivo, GSK2126458 displays anti-tumor activity in both pharmacodynamic and tumor growth efficacy models.

REFERENCE: Knight, S.D., *et al.* (2010). *ACS Med. Chem. Lett.* **1**, 39-43.

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 on humans.

RELATED PRODUCTS:

- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- BI-D1870 (Cat. No. 1824-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)
- Everolimus (Cat. No. 1917-5, 25)
- GDC-0941 (Cat. No. 1623-1,5)
- IC87114 (Cat. No. 1661-1)
- LY 294002 (Cat. No. 1667-5, 25)
- mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)
- PI-103 (Cat. No. 1728-1,5)
- PI3-K γ Inhibitor, AS-605240 (Cat. No. 1780-1,5)
- PathwayReady™ PI3-K/Akt/mTOR Signaling Inhibitor panel (Cat. No. K857-11)
- PP242 (Cat. No. 1658-1)
- PX-866 (Cat. No. 1965-1,5)
- Rapamycin (Cat. No. 1568-5, 50)
- EZSolution™ Rapamycin (Cat. No. 1746-5)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1,5)
- Wortmannin (Cat. No. 1670)