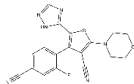


PRODUCT: PF-4989216

ALTERNATE NAMES:	PF4989216; PF 4989216; 4-(4-cyano-2-fluorophenyl)-2-morpholin-4-yl-5-(1H-1,2,4-triazol-5-yl)thiophene-3-carbonitrile
CATALOG#:	B1659-5, -25
AMOUNT:	5 mg, 25 mg
STRUCTURE:	
MOLECULAR FORMULA:	C ₁₈ H ₁₃ FN ₆ OS
MOLECULAR WEIGHT:	380.4
CAS NUMBER:	1276553-09-3
APPEARANCE:	Solid powder
SOLUBILITY:	DMSO
PURITY:	>98%
STORAGE:	Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.
DESCRIPTION:	PF-4989216 is a novel potent and selective PI3K inhibitor. PF-4989216 inhibits PI3K α (K _i =0.6 nM) and mTOR (K _i =1440 nM).
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.
REFERENCES:	1. Walls M et al., Targeting small cell lung cancer harboring PIK3CA mutation with a selective oral PI3K inhibitor PF-4989216. Clin Cancer Res. 2014 Feb 1;20(3):631-43.

RELATED PRODUCTS:

- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- GDC-0941 bismesylate (Cat. No. 1623-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- 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)
- PP242 (Cat. No. 1658-1)
- Rapamycin (Cat. No. 1568-5, 50)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1, 5)
- Wortmannin (Cat. No. 1670-1)

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