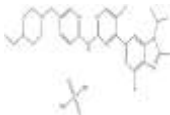


PRODUCT: LY-2835219

ALTERNATE NAME:	N-(5-((4-ethylpiperazin-1-yl)methyl)pyridin-2-yl)-5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-amine methanesulfonate; Abemaciclib
CATALOG #:	B1039-10, 50
AMOUNT:	10 mg, 50 mg
STRUCTURE:	
MOLECULAR FORMULA:	$C_{27}H_{32}F_2N_8 \cdot CH_4O_3S$
MOLECULAR WEIGHT:	602.7
CAS NUMBER:	1231930-82-7
APPEARANCE:	White to off-white solid
SOLUBILITY:	DMSO (>50 mg/ml) or H ₂ O (>60 mg/ml)
PURITY:	≥98% by HPLC
STORAGE:	Store at -20°C. Protect from air and moisture
DESCRIPTION:	LY2835219 is a potent and selective inhibitor of CDK4 and CDK6 with IC ₅₀ of 2 nM and 10 nM, respectively. LY2835219 inhibits the proliferation of Rb-positive tumor cells and demonstrates dose-dependent growth inhibition in ER+ breast cancer models.
REFERENCES:	Spring, L., <i>et al.</i> (2016). <i>Discov. Med.</i> 21, 65-74.

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

RELATED PRODUCTS:

Alsterpaullone (Cat. No. 1897-1,5)
AT-7519 hydrochloride (Cat. No. 2816-5, 25)
Butyrolactone I (Cat. No. 1690-200)
Doramapimod (Cat. No. 1954-5, 25)
Flavopiridol (Cat. No. 2090-1, 5)
10Z-Hymenialdisine (Cat. No. 2212-250, 1000)
Kenpaullone (Cat. No. 1904-1)
PD1834352 (CI-1040) (Cat. No. 1585-1,5,25)
EZSolution™ PD184352 (Cat. No. 1871-1)
PD325901 (Cat. No. 1643-2, 5, 25)
PD98059 (Cat. No. 1666-5)
PD-0332991 (Cat. No. 2843-5,25)
PD-0332991 Isethionate (Cat. No. 9480-5,25)
EZSolution™ PD98059 (Cat. No. 1783-5)
(R)-Perharidine-1 (Cat. No. 2615-1,5)
RO-3306 (Cat. No. 2039-1,5)
Roscovitine (Cat. No. 1950-1,5)
SB 203580 (Cat. No. 1712-1, 5)
SNS-032 (Cat. No. 9490-5,25)
EZSolution™ SB203580 (1786-1)
Sorafenib (Cat. No. 1594-25, 100)
TG003 (Cat. No. 1905-5, 25)
7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)
U0126 (Cat. No. 1668-5)
VX-702 (Cat. No. 1598-1, 5)

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