

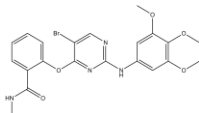
PRODUCT: SBI-0206965

ALTERNATE NAME: 2-((5-bromo-2-((3,4,5-trimethoxyphenyl)amino)pyrimidin-4-yl)oxy)-N-methylbenzamide

CATALOG #: 9580-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₁BrN₄O₅

MOLECULAR WEIGHT: 489.33

CAS NUMBER: N/A

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>20 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: SBI-0206965 is a potent, selective and cell permeable autophagy kinase ULK1 inhibitor. It inhibits ULK1 kinase with IC₅₀ of 108 nM and the highly related kinase ULK2 with IC₅₀ of 711 nM. SBI-0206965 suppresses ULK1-mediated phosphorylation events in cells, regulating autophagy and cell survival. SBI-0206965 greatly synergizes with mechanistic target of rapamycin (mTOR) inhibitors to kill tumor cells.

REFERENCES: Egan, D.F., *et al.* (2015). *Mol. Cell* **59**, 285-297.

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

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)

GSK-2126458 (Cat. No. 1961-1, 5)

IC87114 (Cat. No. 1661-1)

LY 294002 (Cat. No. 1667-5, 25)

mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)

mTOR Inhibitor, WYE-28 (Cat. No. 2255-500, 1000)

mTOR Inhibitor, WYE-132 (Cat. No. 2256-500, 1000)

mTOR Inhibitor, WYE-23 (Cat. No. 2257-500, 1000)

PI-103 (Cat. No. 1728-1,5)

PI3-Ky 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)

Prodigiosin (Cat. No. 2311-250, 1000)

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)

Torin 1 (Cat. No. 2273-5, 25)

Torin 2 (Cat. No. 2274-5, 25)

Wortmannin (Cat. No. 1670-1)

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