

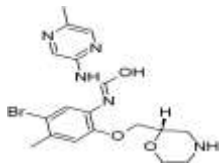
PRODUCT: LY-2603618

ALTERNATE NAME: (S)-1-(5-bromo-4-methyl-2-(morpholin-2-ylmethoxy)phenyl)-3-(5-methylpyrazin-2-yl)urea; Rabusertib

CATALOG #: B2191-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₂₂BrN₅O₃

MOLECULAR WEIGHT: 436.3

CAS NUMBER: 91 1222-45-2

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: LY-2603618 is a potent, selective and ATP-dependent inhibitor of checkpoint kinase 1 (**Chk1**) (IC₅₀ = 7 nM). It inhibits Chk1 autophosphorylation and increase DNA damage-mediated Chk1 phosphorylation. Displays antitumor activities.

REFERENCES: King, C., *et al.* (2014). *Invest. New Drugs* 32, 213-226.

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

RELATED PRODUCTS:

Active CHK1 (Cat. No. 7735-5, 100)

AZD-7762 (Cat. No. 9414-5,25)

CCT244747 (Cat. No. 9575-5,25)

CCT-245737 (Cat. No. B2116-5,25)

Chk2 inhibitor (1702-1)

LY-2603618 (Cat. No. B2191-5, 25)

Prexasertib mesylate (Cat. No. B2067-5,25)

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