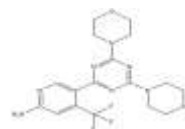


**PRODUCT: PQR-309****ALTERNATE NAME:** 5-(4,6-dimorpholino-1,3,5-triazin-2-yl)-4-(trifluoromethyl)pyridin-2-amine**CATALOG #:** B1300-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>17</sub>H<sub>20</sub>F<sub>3</sub>N<sub>7</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 411.39**CAS NUMBER:** 1225037-39-7**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** PQR-309 is a potent pan inhibitor of phosphoinositide-3-kinases (PI3K) and inhibitor of the mammalian target of rapamycin (mTOR), with potential antineoplastic activity. PQR-309 inhibits the PI3K kinase isoforms α, β, γ and δ, and, to a lesser extent, mTOR kinase, which may result in tumor cell apoptosis and growth inhibition in cells overexpressing PI3K/mTOR.

**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)

OSI-027 (Cat. No. 2372-5, 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-Kγ 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)

P529 (Cat. No. 2462-5, 25)

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)

EZSolution™ Torin 1 (Cat. No. 2353-5)

EZSolution™ Torin 2 (Cat. No. 2354-5)

Wortmannin (Cat. No. 1670)

XL765 (Cat. No. 2551-5, 25)

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