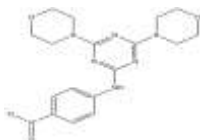


PRODUCT: MHY1485**ALTERNATE NAME:** 4,6-Dimorpholino-N-(4-nitrophenyl)-1,3,5-triazin-2-amine**CATALOG #:** 9419-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₂₁N₇O₄**MOLECULAR WEIGHT:** 387.39**CAS NUMBER:** 326914-06-1**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~2 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light

DESCRIPTION: MHY1485 is an mTOR activator that potently inhibits autophagy by suppression of fusion between autophagosomes and lysosomes. Treatment with MHY1485 suppresses the basal autophagic flux, and this inhibitory effect is clearly confirmed in cells under starvation, a strong physiological inducer of autophagy.

REFERENCES: Choi, Y.J., *et al.* (2012). *PLoS One* **7**, e43418

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-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)

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*