

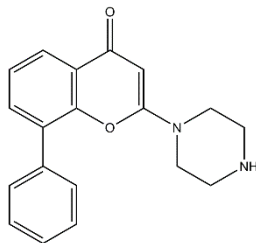
PRODUCT: LY 303511

ALTERNATE NAMES: LY303511; LY-303511; NV-128; NV 128; NV128; EM 101; EM -101; EM101; 8-phenyl-2-piperazin-1-ylchromen-4-one; 8-phenyl-2-(piperazin-1-yl)-4H-chromen-4-one; 2-(1-Piperazinyl)-8-phenyl-4H-1-benzopyran-4-one

CATALOG#: B1734-1, -5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₈N₂O₂

MOLECULAR WEIGHT: 306.36

CAS NUMBER: 154447-38-8

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: LY303511, an inactive analogue of LY294002, is a mTOR inhibitor that did not inhibit PI3-K.

REFERENCES:

- Shi Y et al. Computational modelling of LY303511 and TRAIL-induced apoptosis suggests dynamic regulation of cFLIP. *Bioinformatics*. 2013 Feb 1;29(3):347-54.
- Tucker-Kellogg L et al. Reactive oxygen species (ROS) and sensitization to TRAIL-induced apoptosis, in Bayesian network modelling of HeLa cell response to LY303511. *Biochem Pharmacol*. 2012 Nov 15;84(10):1307-17.

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

RELATED PRODUCTS:

- AZD-2014 (Cat. No. 9449-5, 25)
- 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)
- 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)

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