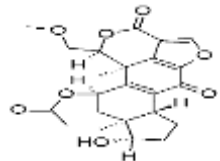


PRODUCT: 17 β -Hydroxywortmannin

ALTERNATE NAMES: 17 β -hydroxy-11-(acetyloxy)-1S,6bR,7,8,9aS,10,11R,11bR-octahydro-1-(methoxymethyl)-9a,11b-dimethyl-3H-furo[4,3,2-de]indeno[4,5-h]-2-benzopyran-3,6,9-trione

CATALOG NUMBER: B2095-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₃H₂₆O₈

MOLECULAR WEIGHT: 430.5

CAS NUMBER: 58053-83-1

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: 17 β -Hydroxywortmannin is an analog of wortmannin (Cat. No. 1670) that irreversibly binds phosphoinositide 3-kinase (PI3K) and potently blocks fMLP-stimulated respiratory burst in neutrophils (IC₅₀ = 5 nM). 17 β -Hydroxywortmannin inhibits recombinant PI3K and mTOR (IC₅₀ = 2.7 and 193 nM, respectively) and prevents the growth of LNCap prostate cancer cells (IC₅₀ = 1.46 μ M)

REFERENCE: Zask, A., *et al.* (2008). *J. Med. Chem.* **51**, 1319-1323.

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**