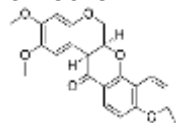


PRODUCT: (-)-Deguelin**ALTERNATE NAMES:** (7aS,13aS)-13,13a-Dihydro-9,10-dimethoxy-3,3-dimethyl-3H-bis[1]benzopyrano[3,4-b:6',5'-e]pyran-7(7aH)-one**CATALOG NUMBER:** B2096-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₂₂O₆**MOLECULAR WEIGHT:** 394.42**CAS NUMBER:** 522-17-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Deguelin is a naturally occurring flavonoid that displays potent antiproliferative, antimetastatic, and apoptotic activity against several cancers both *in vitro* and *in vivo*. Deguelin induces cell death by inhibiting several cell signaling pathways, such as PI3K-Akt, IKK-IκBα-NF-κB, AMPK-mTOR-survivin, and HIF-1α-VEGF.**REFERENCE:** Chun, K.H., *et al.* (2003). *J. Natl Cancer Inst.* **95**, 291-302.**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**