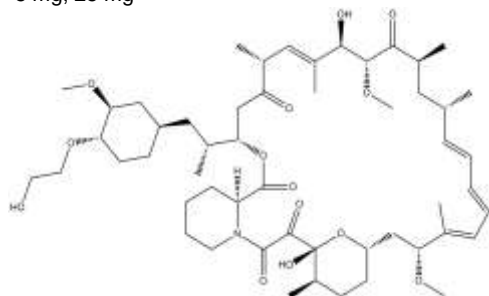


Everolimus

ALTERNATE NAME: RAD-001
CATALOG #: 1917-5, 25
AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₅₃H₈₃NO₁₄
MOLECULAR WEIGHT: 958.22
CAS NUMBER: 159351-69-6
APPEARANCE: Off-white solid
SOLUBILITY: DMSO
PURITY: ≥98% by HPLC
STORAGE: Store at -20 °C. Protect from light
DESCRIPTION: A derivative of the macrolide Rapamycin (Cat. No.1568-5, 50) that acts as an immunosuppressant, mTOR inhibitor and anticancer agent. It targets the raptor mammalian target of rapamycin (mTORC1).
REFERENCE: Mabuchi, S., *et al.* (2007). *Cancer Res.* **67**, 2408-2413.
HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- GDC-0941 bismesylate (Cat. No. 1623-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)
- DiscoveryPak™ PI 3-K/Akt/mTOR Pathway Signaling Inhibitor Panel (Cat. No. K856-5)
- IC87114 (Cat. No. 1661-1)
- LY 294002 (Cat. No. 1667-5, 25)
- mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)
- PI-103 (Cat. No. 1728-1,5)
- PI3-Kγ Inhibitor, AS-605240 (Cat. No. 1780-1,5)
- PP242 (Cat. No. 1658-1)
- Rapamycin (Cat. No. 1568-5, 50)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1,5)
- Wortmannin (Cat. No. 1670-1)