

Everolimus

Cat. # F6140, F6141

Also Known as: RAD001

Formula: $C_{53}H_{83}NO_{14}$

MW: 958.22 Da

CAS No.: 159351-69-6

Source: Synthetic

Form: Lyophilized powder

Solubility: Soluble in DMSO (20mg/ml)

Concentration: N/A

Quality Assurance: >98% by HPLC and NMR

Description: Everolimus is a derivative of sirolimus and works as an inhibitor of mammalian target of rapamycin (mTOR). It has been approved by the FDA for use in the treatment of certain breast cancer, pancreatic cancer, renal cell cancer and other tumours. Also, it is used as an immunosuppressant to prevent rejection of organ transplants.

Storage: Eligible for room temperature shipping. Store at -20°C upon receiving; protect from air and light

Literature: Eisen HJ, *et al.* (2003). N. Engl. J. Med. 349 (9): 847–58.

