

## Rapamycin(Sirolimus)

Cat. No. CEI-0124

Lot. No. (See product label)

### Introduction

**Description** Rapamycin(Sirolimus) can inhibit mTOR with IC50 of 0.1 nM.

### Product Information

**CAS No.** 53123-88-9

**Molecular Formula** C51H79NO13

**Chemical Name** (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-Hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-ep

**Molecular Weight** 914.18

**Purity** >99%

**Targets** mTOR

**Solubility** DMSO 20 mg/mL Water

### Storage and Shipping Information

**Storage** 2 years at -20centigrade Powder