

## PIK-93

Cat. No. CEI-0908

Lot. No. (See product label)

### Introduction

#### Description

PIK-93 is the first potent, synthetic PI4K (PI4KIII $\beta$ ) inhibitor with IC<sub>50</sub> of 19 nM; shown to inhibit PI3K $\alpha$  with IC<sub>50</sub> of 39 nM.

### Product Information

**CAS No.** 593960-11-3

**Molecular Formula** C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>4</sub>S<sub>2</sub>

**Chemical Name** N-[5-[4-Chloro-3-[(2-hydroxyethyl)sulfamoyl]phenyl]-4-methylthiazol-2-yl]acetamide

**Molecular Weight** 389.88

**Targets** PI3K $\alpha$ , PI3K $\beta$ , PI3K $\delta$ , PI3K $\gamma$ , PI4KIII $\beta$

**IC<sub>50</sub>** 39 nM; 0.59  $\mu$ M; 0.12  $\mu$ M; 16 nM; 19 nM

**Solubility** DMSO 78 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.