

## VS-5584 (SB2343)

Cat. No. CEI-1574

Lot. No. (See product label)

### Introduction

**Description** VS-5584 (SB2343) is a potent and selective dual inhibitor of PI3K/mTOR inhibitor for mTOR, PI3K $\alpha/\beta/\delta/\gamma$  with IC<sub>50</sub> of 3.4 nM and 2.6-21 nM, respectively.

**Synonyms** SB-2343; VS5584; VS 5584; SB2343; SB 2343

### Product Information

**CAS No.** 1246560-33-7

**Molecular Formula** C<sub>17</sub>H<sub>22</sub>N<sub>8</sub>O

**Chemical Name** 5-(8-methyl-2-morpholin-4-yl-9-propan-2-ylpurin-6-yl)pyrimidin-2-amine

**Molecular Weight** 354.41

**Purity** 0.9976

**Targets** MTOR/P13K

**IC<sub>50</sub>** 3.4 nM; 2.6 nM; 3.3 nM; 21 nM; 2.7 nM; 3.0 nM

**Solubility** Soluble in DMSO > 10 mM

### Storage and Shipping Information

**Storage** Store at -20°C

**Shipping Conditions** Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request