

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 IC₅₀ 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 C₁₇H₂₂N₈O

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

IC₅₀ 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