

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

99.76%

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