

GDC-0349

Cat. No. CEI-0853

Lot. No. (See product label)

Introduction

Description GDC-0349 is a potent and selective ATP-competitive inhibitor of mTOR with K_i of 3.8 nM, 790-fold inhibitory effect against PI3K α and other 266 kinases. Phase 1.

Synonyms RG7603

Product Information

CAS No. 1207360-89-1

Molecular Formula C₂₄H₃₂N₆O₃

Chemical Name Urea, N-ethyl-N'-[4-[5,6,7,8-tetrahydro-4-[(3S)-3-methyl-4-morpholinyl]-7-(3-oxetanyl)pyrido[3,4-d]pyrimidin-2-yl]phenyl]-

Molecular Weight 452.55

Targets mTOR

IC₅₀ 3.8 nM (K_i)

Solubility DMSO 91 mg/mL; Water <1 mg/mL; Ethanol 6 mg/mL

Storage and Shipping Information

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