

GNE 477

Cat. No. CEI-1138

Lot. No. (See product label)

Introduction

Description GNE 477 is a potent and efficacious dual PI3K/mTOR inhibitor with an IC50 value of 4nmol/L and 21nmol/L respectively.

Synonyms CLOVE, CWS5, MCAP, MCM, MCMTC, PI3K, p110-alpha

Product Information

CAS No. 1032754-81-6

Molecular Formula C21H28N8O3S2

Chemical Name 5-(7-methyl-6-((4-(methylsulfonyl)piperazin-1-yl)methyl)-4-morpholinothieno[3,2-d]pyrimidin-2-yl)pyrimidin-2-amine

Molecular Weight 504.63

Purity > 95%

Targets PI3K, mTOR

IC50 4nmol/L, 21nmol/L

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage 4 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO