Creative Enzymes®

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