Creative Enzymes®

GNE-490

Cat. No. CEI-1121

Lot. No. (See product label)

Introduction

Description	GNE-490 is a highly selective pan-PI3K inhibitor and demonstrates selectivity over mTOR. It has good pharmacokinetic (PK) parameters and demonstrates knock down of pathway markers in vivo. This compound represents an excellent tool to further evaluate the therapeutic potential of a PI3K inhibitor in the treatment of cancer.

Product Information

CAS No.	1033739-92-2
Molecular Formula	C18H22N6O2S
Chemical Name	2-(2-(2-amino-4-methylpyrimidin-5-yl)-4-morpholinothieno[3,2-d]pyrimidin-6-yl)propan-2-ol
Molecular Weight	386.47
Purity	> 95%
Targets	pan-PI3K
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

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