

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