

## 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** C<sub>18</sub>H<sub>22</sub>N<sub>6</sub>O<sub>2</sub>S

**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