

## BYL719

Cat. No. CEI-0855

Lot. No. (See product label)

### Introduction

#### Description

BYL719 is a potent and selective PI3K $\alpha$  inhibitor with IC<sub>50</sub> of 5 nM, and minimal effect on PI3K $\beta/\gamma/\delta$ . Phase 1/2.

### Product Information

#### CAS No.

1217486-61-7

#### Molecular Formula

C<sub>19</sub>H<sub>22</sub>F<sub>3</sub>N<sub>5</sub>O<sub>2</sub>S

#### Chemical Name

1,2-Pyrrolidinedicarboxamide, N1-[4-methyl-5-[2-(2,2,2-trifluoro-1,1-dimethylethyl)-4-pyridinyl]-2-thiazolyl]-, (2S)-

#### Molecular Weight

441.47

#### Targets

PI3K $\alpha$

#### Solubility

DMSO 88 mg/mL; Water <1 mg/mL; Ethanol 5 mg/mL

### Storage and Shipping Information

#### Storage

2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.