

## S6K-18

Cat. No. CEI-1131

Lot. No. (See product label)

### Introduction

**Description** It is a highly selective inhibitor of S6K1, with IC<sub>50</sub>=52nM. It shows moderate risk against 2C9.

**Synonyms** PS6K, S6K, S6K-beta-1, S6K1, STK14A, p70 S6KA, p70(S6K)-alpha, p70-S6K, p70-alpha

### Product Information

**CAS No.** 1265789-88-5

**Molecular Formula** C<sub>17</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>S

**Chemical Name** 2-(3-(1H-indazol-5-yl)ureido)-5-tert-butylthiophene-3-carboxylic acid

**Molecular Weight** 358.41

**Purity** > 95%

**Targets** S6K1

**IC<sub>50</sub>** 52nM

**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