

## PHT-427

Cat. No. CEI-1478

Lot. No. (See product label)

### Introduction

**Description** PHT-427 is an inhibitor of Akt and PDPK1 with  $K_i$  values of 2.7  $\mu\text{M}$  and 5.2  $\mu\text{M}$ , respectively.

### Product Information

**CAS No.** 1191951-57-1

**Molecular Formula** C<sub>20</sub>H<sub>31</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>

**Chemical Name** 4-dodecyl-N-(1,3,4-thiadiazol-2-yl)benzenesulfonamide

**Molecular Weight** 409.61

**Purity** 0.98

**Targets** Akt; PDPK1

**IC<sub>50</sub>** 2.7  $\mu\text{M}$ ( $K_i$ ); 5.2  $\mu\text{M}$ ( $K_i$ )

**Solubility** Soluble in DMSO > 10 mM

### Storage and Shipping Information

**Storage** Store at -20°C

**Shipping Conditions** Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request