

## 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

<b>CAS No.</b>	1191951-57-1
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>31</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
<b>Chemical Name</b>	4-dodecyl-N-(1,3,4-thiadiazol-2-yl)benzenesulfonamide
<b>Molecular Weight</b>	409.61
<b>Purity</b>	0.98
<b>Targets</b>	Akt; PDPK1
<b>IC50</b>	2.7 $\mu\text{M}$ ( $K_i$ ); 5.2 $\mu\text{M}$ ( $K_i$ )
<b>Solubility</b>	Soluble in DMSO > 10 mM

### Storage and Shipping Information

<b>Storage</b>	Store at -20°C
<b>Shipping Conditions</b>	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request