



LKT Laboratories, Inc.

PHT-427

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## Product Information

Product ID P3076

CAS No. 1191951-57-1

Chemical Name

Synonym PHT427

Formula  $C_{20}H_{31}N_3O_2S_2$

Formula Wt. 409.61

Melting Point

Purity  $\geq 98\%$

Solubility DMSO 82 mg/mL (200.19 mM)

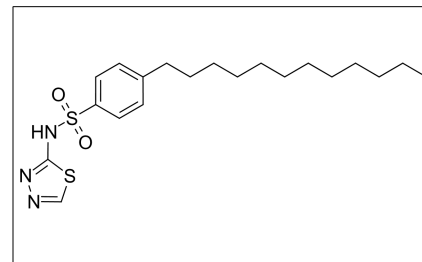
Ethanol 60 mg/mL (146.48 mM)

Water Insoluble

Store Temp  $-20^{\circ}\text{C}$

Ship Temp Ambient

Description PHT-427 is an inhibitor of PDK1 and Akt that exhibits anticancer chemotherapeutic activity, inhibiting tumor growth in animal models of breast cancer and non-small cell lung cancer (NSCLC).



**Bulk quantities available upon request**

Product ID	Size
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P3076	5 mg
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P3076	10 mg
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**References** Meuillet EJ, Zuohe S, Lemos R, et al. Molecular pharmacology and antitumor activity of PHT-427, a novel Akt/phosphatidylinositol-dependent protein kinase 1 pleckstrin homology domain inhibitor. Mol Cancer Ther. 2010 Mar;9 (3):706-17. PMID: 20197390.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.