



LKT Laboratories, Inc.

PHT-427

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID P3076

CAS No. 1191951-57-1

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

Synonym PHT427; PHT 427

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

Formula Wt. 409.61

Melting Point

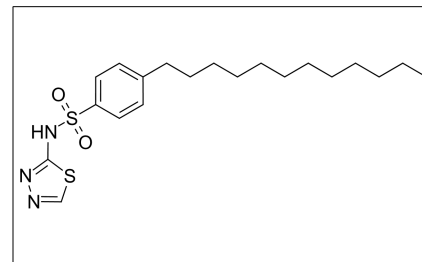
Purity $\geq 98\%$

Solubility DMSO 82 mg/mL (200.19 mM)
Ethanol 60 mg/mL (146.48 mM)
Water Insoluble

Store Temp -20°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).



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P3076	5 mg	\$62.20
P3076	10 mg	\$98.50

References Meuillet EJ, Zuohe S, Lemos R, et al. Molecular pharmacology and antitumor activity of PHT-427, a novel Akt/phosphatidylinositolide-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.