



LKT Laboratories, Inc.

PIK-93

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## Product Information

Product ID P3542

CAS No. 593960-11-3

### Chemical Name

Synonym PIK93

Formula  $C_{14}H_{16}ClN_3O_4S_2$

Formula Wt. 389.88

### Melting Point

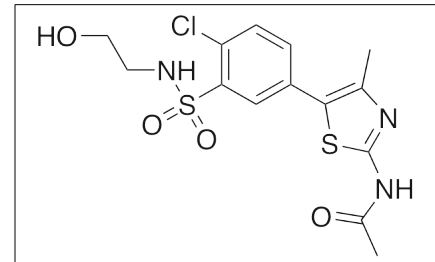
Purity  $\geq 98\%$

Solubility DMSO 78 mg/mL (200.06 mM)  
Water Insoluble  
Ethanol Insoluble

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

Ship Temp Ambient

**Description** PIK-93 is an inhibitor of PI3K that exhibits some selectivity for p110 $\alpha$  and p110 $\gamma$ . PIK-93 also inhibits PI4KIII $\beta$ , a phosphatidylinositol enzyme similar to PI3K. PIK-93 decreases translocation of transient receptor potential canonical 6 channel (TRPC6) to the plasma membrane in vitro and may alter Ca<sup>2+</sup> signaling as a result.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
P3542	1 mg	\$113.70
P3542	5 mg	\$334.40
P3542	10 mg	\$535.10

**References** Monet M, Francoeur N, Boulay G. Involvement of phosphoinositide 3-kinase and PTEN protein in mechanism of activation of TRPC6 protein in vascular smooth muscle cells. J Biol Chem. 2012 May 18;287(21):17672-81. PMID: 22493444.

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