



LKT Laboratories, Inc.

AS-252424

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## Product Information

Product ID A7200

CAS No. 900515-16-4

Chemical Name

Synonym

Formula  $C_{14}H_8FNO_4S$

Formula Wt. 305.28

Melting Point

Purity  $\geq 98\%$

Solubility DMSO 61 mg/mL (199.81 mM)

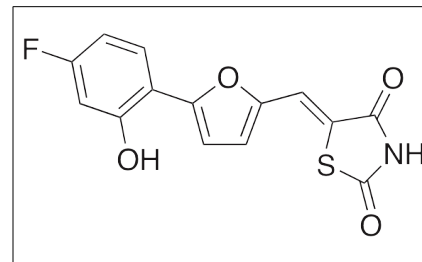
Water Insoluble

Ethanol Insoluble

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

Ship Temp Ambient

**Description** AS-252424 is an inhibitor of p110 $\gamma$  PI3K that exhibits anti-inflammatory activity. In animal models of peritoneal inflammation, AS-252424 decreases leukocyte recruitment. In vascular smooth muscle cells, AS-252424 decreases endothelin A receptor-mediated activity of transient receptor potential canonical 1/5/6 channels (TRPC1/5/6) and potentiates related activity of TRPC3/7 channels.



**Bulk quantities available upon request**

Product ID	Size
A7200	1 mg
A7200	5 mg
A7200	10 mg

**References** Shi J, Ju M, Large WA, et al. Pharmacological profile of phosphatidylinositol 3-kinases and related phosphatidylinositols mediating endothelin(A) receptor-operated native TRPC channels in rabbit coronary artery myocytes. *Br J Pharmacol.* 2012 Aug;166(7):2161-75. PMID: 22404177.

Pomel V, Klicic J, Covini D, et al. Furan-2-ylmethylene thiazolidinediones as novel, potent, and selective inhibitors of phosphoinositide 3-kinase gamma. *J Med Chem.* 2006 Jun 29;49(13):3857-71. PMID: 16789742.

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