



LKT Laboratories, Inc.

A66

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## Product Information

Product ID A0002

CAS No. 1166227-08-2

Chemical Name

Synonym

Formula  $C_{17}H_{23}N_5O_2S_2$

Formula Wt. 393.53

Melting Point

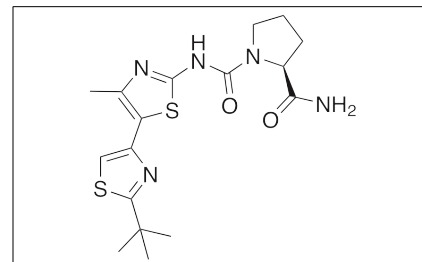
Purity  $\geq 98\%$

Solubility 20mg/ml in DMSO  
insoluble in water

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

Ship Temp Ambient

**Description** A66 is an inhibitor of p110 $\alpha$  PI3K that exhibits anticancer chemotherapeutic activity. A66 decreases cell viability of endometrial cancer cells and inhibits tumor growth of xenografts when administered in combination with other therapies. In animal models, A66 increases glucose output and impairs glucose and insulin tolerance.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
A0002	1 mg	\$118.30
A0002	5 mg	\$333.60
A0002	10 mg	\$569.10

**References** Weigelt B, Warne PH, Lambros MB, et al. PI3K pathway dependencies in endometrioid endometrial cancer cell lines. Clin Cancer Res. 2013 Jul 1;19(13):3533-44. PMID: 23674493.

Smith GC, Ong WK, Rewcastle GW, et al. Effects of acutely inhibiting PI3K isoforms and mTOR on regulation of glucose metabolism in vivo. Biochem J. 2012 Feb 15;442(1):161-9. PMID: 22142257.

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