



LKT Laboratories, Inc.

GSK-690693

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Product Information

Product ID G7242

CAS No. 937174-76-0

Chemical Name

Synonym GSK690693; GSK 690693

Formula $C_{21}H_{27}N_7O_3$

Formula Wt. 425.48

Melting Point

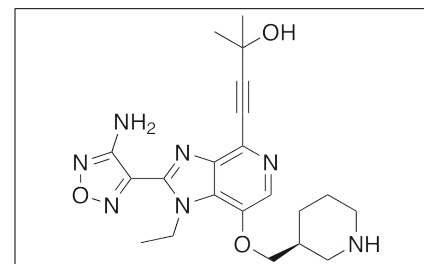
Purity $\geq 99\%$

Solubility DMSO 39 mg/mL
Water 5mg/ml
Ethanol Insoluble

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

Ship Temp Ambient

Description GSK-690693 is an inhibitor of Akt that displays anticancer chemotherapeutic activity. In lung and colon cancer cells, GSK-690693 inhibits cell growth. In animal models of osteosarcoma, this compound increases survival rates and decreases tumor growth. In other transgenic animal models, GSK-690693 delays lung tumor formation, decreases cell proliferation, and induces apoptosis.



Bulk quantities available upon request

Product ID	Size
G7242	1 mg
G7242	5 mg
G7242	10 mg

References Nguyen T, Coover RA, Verghese J, et al. Phenylalanine-Based Inactivator of AKT Kinase: Design, Synthesis, and Biological Evaluation. *ACS Med Chem Lett.* 2014 Mar 7;5(5):462-7. PMID: 24900862.

Carol H, Morton CL, Gorlick R, et al. Initial testing (stage 1) of the Akt inhibitor GSK690693 by the pediatric preclinical testing program. *Pediatr Blood Cancer.* 2010 Dec 15;55(7):1329-37. PMID: 20740623.

Altomare DA, Zhang L, Deng J, et al. GSK690693 delays tumor onset and progression in genetically defined mouse models expressing activated Akt. *Clin Cancer Res.* 2010 Jan 15;16(2):486-96. PMID: 20075391.

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