



LKT Laboratories, Inc.

LGK-974

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Product Information

Product ID L2540

CAS No. 1243244-14-5

Chemical Name

Synonym LGK974

Formula $C_{23}H_{20}N_6O$

Formula Wt. 396.44

Melting Point

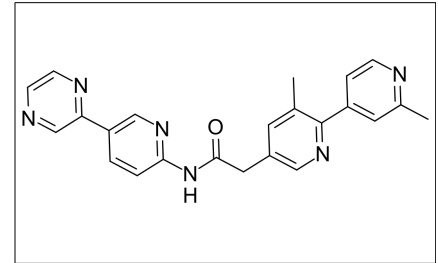
Purity $\geq 98\%$

Solubility DMSO 79 mg/mL warmed
(199.27 mM)
Water Insoluble
Ethanol Insoluble

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

Ship Temp Ambient

Description LGK-974 inhibits PORCN, suppressing Wnt signaling. This compound exhibits anticancer chemotherapeutic activity and is currently in clinical trials. LGK-974 inhibits proliferation and induces differentiation of pancreatic adenocarcinoma xenografts; it also shows efficacy in suppressing tumor growth in animal models of breast cancer and squamous cell carcinoma.



Bulk quantities available upon request

Product ID	Size
L2540	1 mg
L2540	5 mg
L2540	25 mg

References Liu J, Pan S, Hsieh MH, et al. Targeting Wnt-driven cancer through the inhibition of Porcupine by LGK974. Proc Natl Acad Sci U S A. 2013 Dec 10;110(50):20224-9. PMID: 24277854.

Jiang X, Hao HX, Growney JD, et al. Inactivating mutations of RNF43 confer Wnt dependency in pancreatic ductal adenocarcinoma. Proc Natl Acad Sci U S A. 2013 Jul 30;110(31):12649-54. PMID: 23847203.

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