



LKT Laboratories, Inc.

PKI-402

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Product Information

Product ID P4132

CAS No. 1173204-81-3

Chemical Name

Synonym

Formula $C_{29}H_{34}N_{10}O_3$

Formula Wt. 570.65

Melting Point

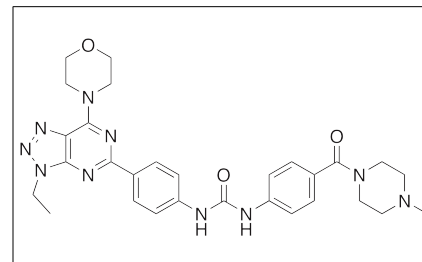
Purity $\geq 98\%$

Solubility DMSO 0.4 mg/mL (0.7 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description PKI-402 is an inhibitor of PI3K that is somewhat selective for p110 α ; it also inhibits mTORC1/2. PKI-402 exhibits anticancer chemotherapeutic activity, inhibiting cell proliferation in vitro and suppressing tumor growth induced by a variety of cancer cells in vitro, such as breast cancer, glioma, and pancreatic cancer.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P4132	1 mg	\$147.60
P4132	5 mg	\$434.00
P4132	10 mg	\$694.60

References Mallon R, Hollander I, Feldberg L, et al. Antitumor efficacy profile of PKI-402, a dual phosphatidylinositol 3-kinase/mammalian target of rapamycin inhibitor. *Mol Cancer Ther.* 2010 Apr;9(4):976-84. PMID: 20371716.

Dehnhardt CM, Venkatesan AM, Delos Santos E, et al. Lead optimization of N-3-substituted 7-morpholinotriazolopyrimidines as dual phosphoinositide 3-kinase/mammalian target of rapamycin inhibitors: discovery of PKI-402. *J Med Chem.* 2010 Jan 28;53(2):798-810. PMID: 19968288.

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