



LKT Laboratories, Inc.

PIK-75

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Product Information

Product ID P333400

CAS No. 372196-67-3

Chemical Name PIK-75

Synonym PIK 75, PIK75

Formula $C_{16}H_{14}BrN_5O_4S$

Formula Wt. 452.28

Melting Point

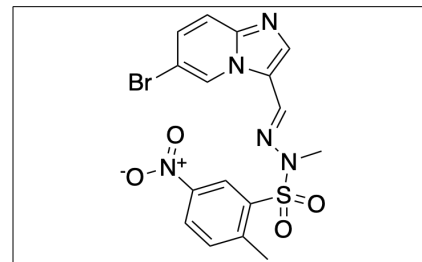
Purity $\geq 99\%$

Solubility

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

Ship Temp Ambient

Description PIK-75 is a selective inhibitor of p110 α , an isoform of PI3K. When combined with gemcitabine, PIK-75 reduced NRF2 protein levels, augmenting the antitumor effect of gemcitabine in human pancreatic cancer cell lines. PIK-75 was chosen over several other PI3K/Akt pathway inhibitors and used with the Braf inhibitor vemurafenib in models of advanced melanoma. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P333400	5 mg	\$60.00
P333400	25 mg	\$145.00
P333400	100 mg	\$425.00

References Duong H., Yi Y., et al. Inhibition of NRF2 by PIK-75 augments sensitivity of pancreatic cancer cells to gemcitabine. *Int J Oncol.* 44(3):959-69 (2014). PMID: 2436609.

Pedini F., De Luca G., et al. Joint action of miR-126 and MAPK/PI3K inhibitors against metastatic melanoma. *Mol Oncol.* 2019. PMID: 31115969.

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