



LKT Laboratories, Inc.

GS-4997

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Product Information

Product ID G720004

CAS No. 1448428-04-3

Chemical Name

Synonym GS 4997, GS4997, Selonsertib

Formula $C_{24}H_{24}FN_7O$

Formula Wt. 445.5

Melting Point

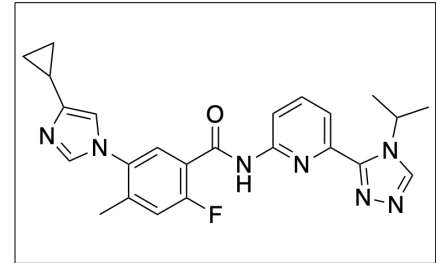
Purity $\geq 98\%$

Solubility

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

Ship Temp Ambient

Description GS-4997 is an inhibitor of apoptosis signal-regulating kinase 1 (ASK1). ASK1 is an important mediator of oxidative stress effects. It has shown efficacy in the treatment of cancer cell lines exhibiting overexpression of ABC transporters. It is also being evaluated as a treatment for non-alcoholic steatohepatitis (NASH).



Product ID Size

G720004 5 mg

G720004 25 mg

G720004 100 mg

References Ji N., Yang Y., et al. Selonsertib (GS-4997), an ASK1 inhibitor, antagonizes multidrug resistance in ABCB1- and ABCG2-overexpressing cancer cells. *Cancer Lett.* 440-441:82-93 (2019). PMID: 30315846.

Mukherjee S., Zhelnin L., et al. Development and validation of an in vitro 3D model of NASH with severe fibrotic phenotype. *Am J Transl Res.* 11(3):1531-40 (2019). PMID: 30972180.

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