



LKT Laboratories, Inc.

GS-9973

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Product Information

Product ID G7232

CAS No. 1229208-44-9

Chemical Name

Synonym GS9973, Entospletinib

Formula $C_{23}H_{21}N_7O$

Formula Wt. 411.46

Melting Point

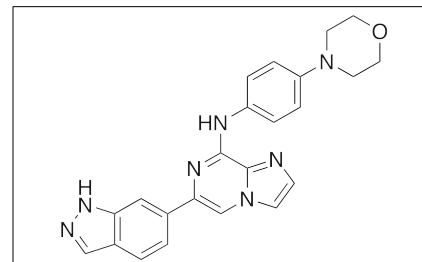
Purity $\geq 98\%$

Solubility DMSO 26 mg/mL warmed (63.18 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description GS-9973 is an imidazopyrazine inhibitor of Syk that is currently in clinical trials as a potential treatment for chronic lymphocytic leukemia (CLL). GS-9973 exhibits anticancer chemotherapeutic activity. In vitro, this compound decreases survival of CLL cells, inhibits cell growth, and disrupts chemokine signaling.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G7232	1 mg	\$93.70
G7232	5 mg	\$156.40
G7232	10 mg	\$268.90

References Sharman J, Hawkins M, Kolibaba K, et al. An open-label phase 2 trial of entospletinib (GS-9973), a selective Syk inhibitor, in chronic lymphocytic leukemia. *Blood*. 2015 Feb 18. Epub ahead of print]. PMID: 25696919.

Currie KS, Kropf JE, Lee T, et al. Discovery of GS-9973, a selective and orally efficacious inhibitor of spleen tyrosine kinase. *J Med Chem*. 2014 May 8;57(9):3856-73. PMID: 24779514.

Burke RT, Meadows S, Loriaux MM, et al. A potential therapeutic strategy for chronic lymphocytic leukemia by combining Idelalisib and GS-9973, a novel spleen tyrosine kinase (Syk) inhibitor. *Oncotarget*. 2014 Feb 28;5(4):908-15. PMID: 24659719.

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