



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

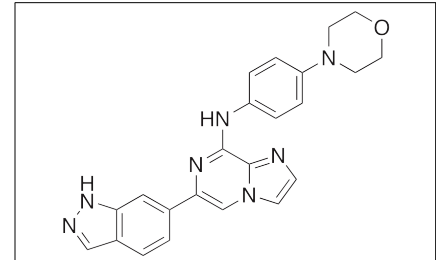
Purity  $\geq 98\%$

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

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

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.



**Bulk quantities available upon request**

Product ID	Size
G7232	1 mg
G7232	5 mg
G7232	10 mg

**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.