



LKT Laboratories, Inc.

VS-5584

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID V7200

CAS No. 1246560-33-7

Chemical Name

Synonym

Formula  $C_{17}H_{22}N_8O$

Formula Wt. 354.41

Melting Point

Purity  $\geq 98\%$

Solubility DMSO 71 mg/mL (200.33 mM)

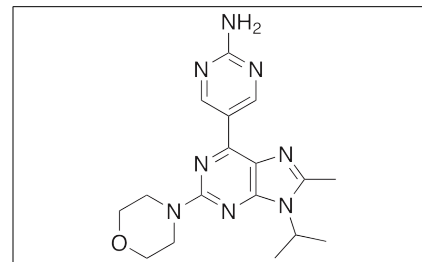
Ethanol 3 mg/mL (8.46 mM)

Water Insoluble

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

Ship Temp Ambient

Description VS-5584 inhibits PI3K and displays anticancer chemotherapeutic activity, inhibiting cell proliferation in a variety of cancer cell lines and suppressing tumor growth in animal models of gastric cancer.



**Bulk quantities available upon request**

Product ID	Size
V7200	1 mg
V7200	5 mg
V7200	10 mg
V7200	25 mg

References Hart S, Novotny-Diermayr V, Goh KC, et al. VS-5584, a novel and highly selective PI3K/mTOR kinase inhibitor for the treatment of cancer. *Mol Cancer Ther.* 2013 Feb;12(2):151-61. PMID: 23270925.

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