



LKT Laboratories, Inc.

GSK-2334470

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 G7344

CAS No. 1227911-45-6

Chemical Name

Synonym

Formula  $C_{25}H_{34}N_8O$

Formula Wt. 462.59

Melting Point

Purity  $\geq 99\%$ ,  $\geq 99\%ee$

Solubility DMSO 28 mg/mL (64.6 mM)

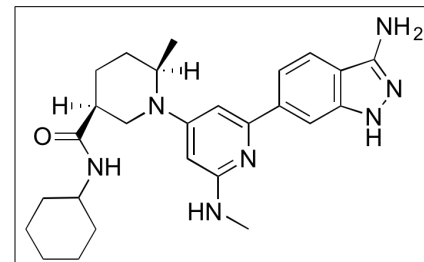
Water Insoluble

Ethanol Insoluble

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

Ship Temp Ambient

**Description** GSK-2334470 is a selective inhibitor of PDK1 that exhibits anticancer activity in in vitro models. GSK-2334470 inhibits T-loop phosphorylation of SGK and S6K1, Akt and Akt substrates GSK3, FoxO, and PRAS40, and ERK substrate RSK2.



**Bulk quantities available upon request**

Product ID	Size
G7344	1 mg
G7344	5 mg
G7344	25 mg

**References** Najafov A, Sommer EM, Axten JM, et al. Characterization of GSK2334470, a novel and highly specific inhibitor of PDK1. *Biochem J.* 2011 Jan 15;433(2):357-69. PMID: 21087210.

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