



LKT Laboratories, Inc.

WZ-4002

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Product Information

Product ID W9600

CAS No. 1213269-23-8

Chemical Name

Synonym

Formula $C_{25}H_{27}ClN_6O_3$

Formula Wt. 494.97

Melting Point

Purity $\geq 98\%$

Solubility DMSO 13 mg/mL (26.3 mM)

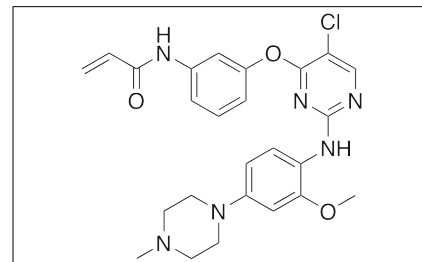
Water Insoluble

Ethanol Insoluble

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

Ship Temp Ambient

Description WZ-4002 inhibits EGFR in a variety of cell lines, including those harboring the T790M gatekeeper mutation. WZ-2004 exhibits anticancer chemotherapeutic activity, inhibiting proliferation of lung adenocarcinoma cells and suppressing tumor growth in animal models.



Bulk quantities available upon request

Product ID	Size
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W9600	1 mg
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W9600	5 mg
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W9600	25 mg
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W9600	100 mg
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References Nakagawa T, Takeuchi S, Yamada T, et al. Combined therapy with mutant-selective EGFR inhibitor and Met kinase inhibitor for overcoming erlotinib resistance in EGFR-mutant lung cancer. *Mol Cancer Ther*. 2012 Oct;11(10):2149-57. PMID: 22844075.

Sakuma Y, Yamazaki Y, Nakamura Y, et al. WZ4002, a third-generation EGFR inhibitor, can overcome anoikis resistance in EGFR-mutant lung adenocarcinomas more efficiently than Src inhibitors. *Lab Invest*. 2012 Mar;92(3):371-83. PMID: 22157722.

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