



LKT Laboratories, Inc.

Olmutinib

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Product Information

Product ID O456505

CAS No. 1353550-13-6

Chemical Name N-[3-[2-[4-(4-methylpiperazin-1-yl)anilino]thieno[3,2-d]pyrimidin-4-yl]oxyphenyl]prop-2-enamide

Synonym HM61713, BI-1482694

Formula C₂₆H₂₆N₆O₂S

Formula Wt. 486.59

Melting Point

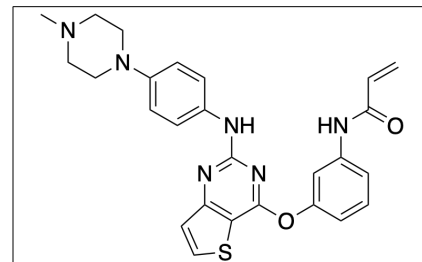
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Olmutinib is an inhibitor of EGFR. It is selective for mutant forms of EGFR, leading to cell death of EGFR-expressing tumor cells. Olmutinib reverses ABCG2-mediated multidrug resistance in cancer cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
O456505	5 mg	\$58.50
O456505	25 mg	\$127.20
O456505	100 mg	\$369.90

References Zhang W., Fan Y., et al. Olmutinib (BI1482694/HM61713), a Novel Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor, Reverses ABCG2-Mediated Multidrug Resistance in Cancer Cells. *Front Pharmacol.* 9:1097 (2018). PMID: 30356705.

Noh Y., Yoon S., et al. A Safety, Pharmacokinetic, Pharmacogenomic and Population Pharmacokinetic Analysis of the Third-Generation EGFR TKI, Olmutinib (HM61713), After Single Oral Administration in Healthy Volunteers. *Basic Clin Pharmacol Toxicol.* 2019. PMID: 31125491.

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