



LKT Laboratories, Inc.

**BMS-777607**

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## Product Information

**Product ID** B4974

**CAS No.** 1196681-44-3

**Chemical Name** N-[4-(2-amino-3-chloropyridin-4-yl)oxy-3-fluorophenyl]-4-ethoxy-1-(4-fluorophenyl)-2-oxopyridine-3-carboxamide

**Synonym** BMS777607

**Formula** C<sub>25</sub>H<sub>19</sub>ClF<sub>2</sub>N<sub>4</sub>O<sub>4</sub>

**Formula Wt.** 512.89

**Melting Point**

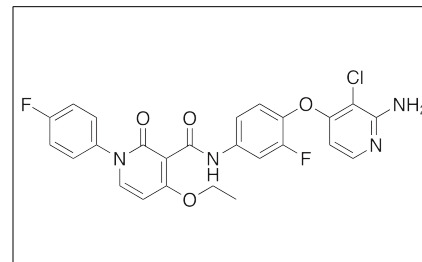
**Purity** ≥99%

**Solubility** DMSO 47 mg/mL (91.63 mM)  
Water Insoluble  
Ethanol Insoluble

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** BMS-777607 is an inhibitor of MET and Ron that exhibits anticancer chemotherapeutic activity. BMS-777607 induces polyploidy in breast cancer cells by disrupting spindle formation and inhibiting equatorial alignment and chromosomal segregation. This compound also displays anti-metastatic benefit, inhibiting the motility and invasion of sarcoma cells in vitro and decreasing the number of lung tumor nodules in vivo.



## Pricing and Availability

**Bulk quantities available upon request**

| Product ID | Size  | List Price |
|------------|-------|------------|
| B4974      | 1 mg  | \$69.50    |
| B4974      | 5 mg  | \$156.60   |
| B4974      | 25 mg | \$422.50   |

**References** Sharma S, Zeng JY, Zhuang CM, et al. Small-molecule inhibitor BMS-777607 induces breast cancer cell polyploidy with increased resistance to cytotoxic chemotherapy agents. *Mol Cancer Ther.* 2013 May;12(5):725-36. PMID: 23468529.

Dai Y, Bae K, Pampo C, et al. Impact of the small molecule Met inhibitor BMS-777607 on the metastatic process in a rodent tumor model with constitutive c-Met activation. *Clin Exp Metastasis.* 2012 Mar;29(3):253-61. PMID: 22286523.

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