



LKT Laboratories, Inc.

BMS-599626

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Product Information

Product ID B5074

CAS No. 714971-09-2

Chemical Name

Synonym BMS599626, AC480

Formula $C_{27}H_{27}FN_8O_3$

Formula Wt. 530.55

Melting Point

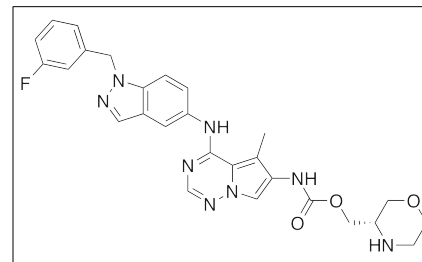
Purity $\geq 98\%$

Solubility DMSO 113 mg/mL (212.98 mM)
Ethanol 20 mg/mL (37.69 mM)
Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description BMS-599626 is a pan-HER inhibitor (including EGFR and VEGFR) that is currently in clinical trials as a potential treatment against several forms of cancer. BMS-599626 displays anticancer chemotherapeutic activity. In head and neck squamous cell carcinoma cells, BMS-599626 induces G1 phase cell cycle arrest and inhibits cell growth; in vivo, it improves responses to radiation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B5074	1 mg	\$214.70
B5074	5 mg	\$394.10
B5074	10 mg	\$619.00

References Soria JC, Cortes J, Massard C, et al. Phase I safety, pharmacokinetic and pharmacodynamic trial of BMS-599626 (AC480), an oral pan-HER receptor tyrosine kinase inhibitor, in patients with advanced solid tumors. *Ann Oncol.* 2012 Feb;23(2):463-71. PMID: 21576284.

Torres MA, Raju U, Molkenkine D, et al. AC480, formerly BMS-599626, a pan Her inhibitor, enhances radiosensitivity and radioresponse of head and neck squamous cell carcinoma cells in vitro and in vivo. *Invest New Drugs.* 2011 Aug;29(4):554-61. PMID: 20119866.

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