



LKT Laboratories, Inc.

AG-1517

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Product Information

Product ID A2501

CAS No. 153436-54-5

Chemical Name N-(3-bromophenyl)-6,7-dimethoxyquinazolin-4-amine

Synonym Tyrphostin AG1517, PD153035, SU5271; PD-153035; Compound 32; Pd 153035

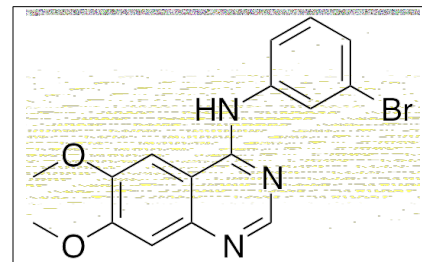
Formula C₁₆H₁₄BrN₃O₂

Formula Wt. 360.21

Melting Point

Purity ≥98%

Solubility Soluble in DMSO



Bulk quantities available upon request

Product ID	Size
A2501	5 mg
A2501	25 mg

Store Temp -20° C

Ship Temp Ambient

Description AG-1517 is an inhibitor of EGFR that displays anticancer properties. In vitro, this compound inhibits growth of cholangiocarcinoma cells. In keratinocytes, AG-1517 suppresses DNA replication, cell cycle progression, and cell proliferation, exhibiting potential benefit in the treatment of psoriasis.

References Zhang Z, Oyesanya RA, Campbell DJ, et al. Preclinical assessment of simultaneous targeting of epidermal growth factor receptor (ErbB1) and ErbB2 as a strategy for cholangiocarcinoma therapy. *Hepatology*. 2010 Sep;52(3):975-86. PMID: 20607690.

Powell TJ, Ben-Bassat H, Klein BY, et al. Growth inhibition of psoriatic keratinocytes by quinazoline tyrosine kinase inhibitors. *Br J Dermatol*. 1999 Nov;141(5):802-10. PMID: 10583160.

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