



LKT Laboratories, Inc.
GSK-2126458

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID G7342

CAS No. 1086062-66-9

Chemical Name

Synonym GSK458

Formula C₂₅H₁₇F₂N₅O₃S

Formula Wt. 505.50

Melting Point

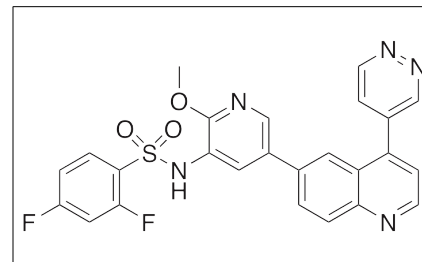
Purity ≥99%

Solubility DMSO 100 mg/mL (197.82 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description GSK-2126458 is an ATP-competitive PI3K and mTOR inhibitor somewhat specific for the p110α isoform of PI3K. This compound exhibits anticancer chemotherapeutic activity, inhibiting growth in cellular models. GSK-2126458 is currently in clinical trials for treatment of a variety of solid tumor cancers.



Bulk quantities available upon request

Product ID	Size
G7342	1 mg
G7342	5 mg
G7342	25 mg

References Greger JG, Eastman SD, Zhang V, et al. Combinations of BRAF, MEK, and PI3K/mTOR inhibitors overcome acquired resistance to the BRAF inhibitor GSK2118436 dabrafenib, mediated by NRAS or MEK mutations. Mol Cancer Ther. 2012 Apr;11(4):909-20. PMID: 22389471.

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