



LKT Laboratories, Inc.

GDC-0994

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## Product Information

Product ID G124080

CAS No. 1453848-26-4

### Chemical Name

Synonym GDC0994; RG7842; Ravoxertinib

Formula  $C_{21}H_{18}ClFN_6O_2$

Formula Wt. 440.86

### Melting Point

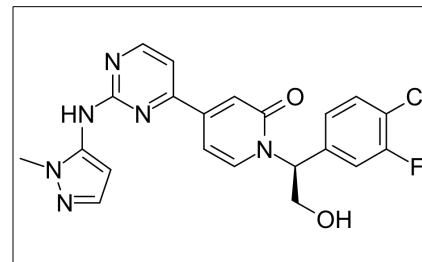
Purity  $\geq 98\%$

Solubility Ethanol (30 mg/mL), DMSO (30 mg/mL), DMF (30 mg/mL).

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** GDC-0994 is an inhibitor of ERK1/2, which is commonly activated by oncogenic mutations in B-Raf or Ras. It is effective against cancer cell lines that are resistant to B-Raf and MEK1/2 inhibitor therapy. Combination therapy targeting multiple nodes of the Ras/Raf/MEK/ERK signaling cascade enhances efficacy and diminishes the potential for acquired drug resistance.



**Bulk quantities available upon request**

Product ID	Size
G124080	1 mg
G124080	5 mg
G124080	25 mg

**References** Roskoski R. Targeting ERK1/2 protein-serine/threonine kinases in human cancers. *Pharmacol Res.* 142:151-168 (2019). PMID: 30794926.

Blake J., Burkard M., et al. Discovery of (S)-1-(1-(4-Chloro-3-fluorophenyl)-2-hydroxyethyl)-4-(2-((1-methyl-1H-pyrazol-5-yl)amino)pyrimidin-4-yl)pyridin-2(1H)-one (GDC-0994), an Extracellular Signal-Regulated Kinase 1/2 (ERK1/2) Inhibitor in Early Clinical Development. *J Med Chem.* 59(12):5650-60 (2016). PMID: 27227380.

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