



LKT Laboratories, Inc.

**AZD-7762**

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## Product Information

Product ID A985130

CAS No. 860352-01-8

### Chemical Name

Synonym AZD 7762, AZD7762

Formula  $C_{17}H_{19}FN_4O_2S$

Formula Wt. 362.42

Melting Point

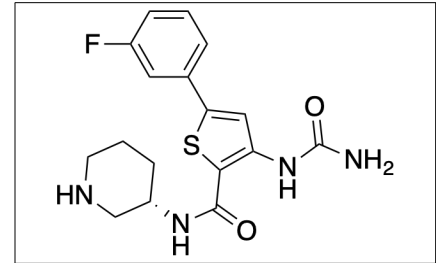
Purity  $\geq 98\%$

Solubility

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

Ship Temp Ambient

**Description** AZD-7762 is a selective inhibitor of checkpoint kinase (CHK) 1 and CHK2. It enhances sensitivity of urothelial carcinoma cells to gemcitabine through the inhibition of DNA repair checkpoints. It also works with gemcitabine to suppress the growth of KRAS-driven LKB1-deficient lung adenocarcinomas.



**Bulk quantities available upon request**

Product ID	Size
A985130	5 mg
A985130	25 mg
A985130	100 mg

**References** Isono M., Hoffmann M., et al. Checkpoint kinase inhibitor AZD7762 strongly sensitises urothelial carcinoma cells to gemcitabine. *J Exp Clin Cancer Res.* 36(1):1 (2017). PMID: 28049532.

Liu Y., Li Y., et al. Gemcitabine and Chk1 Inhibitor AZD7762 Synergistically Suppress the Growth of Lkb1-Deficient Lung Adenocarcinoma. *Cancer Res.* 77(18):5068-76 (2017). PMID: 28754670.

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