



LKT Laboratories, Inc.

**AZD-7648**

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## Product Information

Product ID A985128

CAS No. 2230820-11-6

### Chemical Name

Synonym AZD 7648, AZD7648

Formula  $C_{18}H_{20}N_8O_2$

Formula Wt. 380.41

Melting Point

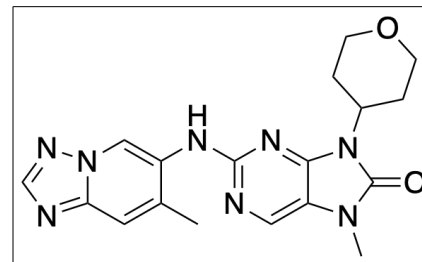
Purity  $\geq 98\%$

Solubility

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

Ship Temp Ambient

**Description** AZD-7648 is a potent, selective inhibitor of DNA-dependent protein kinase (DNA-PK). DNA-PK is a member of the PIKK family, overseeing DNA repair and detection of double-strand breaks. AZD-7648 is being studied as a potential monotherapy or in combination in patients with advanced solid tumors.



**Bulk quantities available upon request**

Product ID	Size
A985128	1 mg
A985128	5 mg
A985128	25 mg

**References** Pspisilova M., Seifrtova M., et al. Small molecule inhibitors of DNA-PK for tumor sensitization to anticancer therapy. *J Physiol Pharmacol.* 68(3):337-344 (2017). PMID: 28820390.

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