



LKT Laboratories, Inc.

**AZD-3463**

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## Product Information

**Product ID** A9600

**CAS No.** 1356962-20-3

**Chemical Name**

**Synonym** AZD3463

**Formula** C<sub>24</sub>H<sub>25</sub>ClN<sub>6</sub>O

**Formula Wt.** 448.95

**Melting Point**

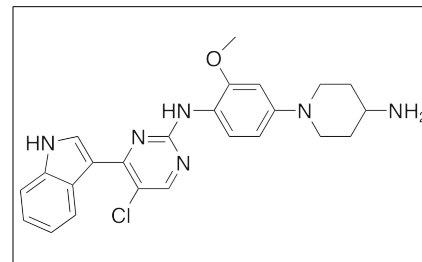
**Purity** ≥99%

**Solubility** In DMSO(24mg/ml), water  
with 1 eq. of acid, insoluble  
in ethanol

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** AZD-3463 is an inhibitor of anaplastic lymphoma kinase (ALK) and insulin-like growth factor 1 receptor (IGF-1R). This compound exhibits anticancer chemotherapeutic activity, inhibiting proliferation by altering downstream ERK/Akt/STAT3 signaling. AZD-3463 has induced regression or stasis in in vivo lung cancer tumor models and in several drug-resistant cell lines.



**Bulk quantities available upon request**

<b>Product ID</b>	<b>Size</b>
A9600	1 mg
A9600	5 mg
A9600	25 mg

**References** Abstract: Yang B. Discovery of AZD3463 as a novel ALK/IGFR dual inhibitor and its ability in overcoming acquired resistance to crizotinib. Protein Kinases in Drug Discovery Conference. 2013.

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