



LKT Laboratories, Inc.

AZD-2014

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## Product Information

Product ID A9710

CAS No. 1009298-59-2

### Chemical Name

Synonym Vistusertib

Formula  $C_{25}H_{30}N_6O_3$

Formula Wt. 462.54

### Melting Point

Purity  $\geq 98\%$

Solubility DMSO 38 mg/mL (82.15 mM)

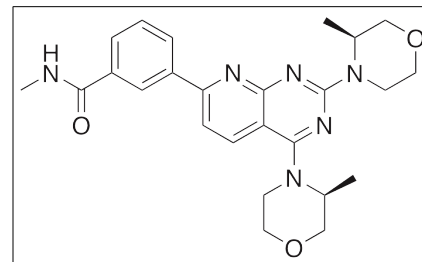
Water Insoluble

Ethanol Insoluble

Store Temp 4° C

Ship Temp Ambient

**Description** AZD-2014 is an inhibitor of mTORC1/2 that exhibits anticancer chemotherapeutic activity. AZD-2014 induces autophagy and inhibits growth without causing apoptosis in colorectal cancer cells. In animal models, AZD-2014 inhibits tumor growth of colorectal cancer xenografts.



**Bulk quantities available upon request**

Product ID	Size
A9710	1 mg
A9710	5 mg
A9710	10 mg

**References** Huo HZ, Zhou ZY, Wang B, et al. Dramatic suppression of colorectal cancer cell growth by the dual mTORC1 and mTORC2 inhibitor AZD-2014. *Biochem Biophys Res Commun.* 2014 Jan 10;443(2):406-12. PMID: 24309100.

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