

Product Information

Product ID C9708
CAS No. 693228-63-6

Chemical Name

Synonym

Formula $C_{18}H_{20}N_6OS$
Formula Wt. 368.46

Melting Point

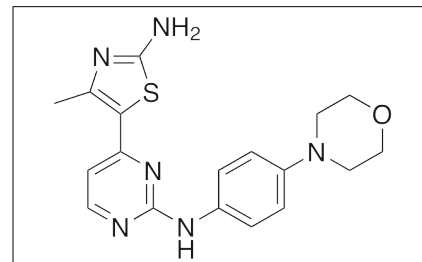
Purity $\geq 98\%$

Solubility DMSO 24 mg/mL warmed
(65.13 mM)
Water Insoluble
Ethanol Insoluble

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

Ship Temp Ambient

Description CYC-116 inhibits aurora kinases A and B (AurA, AurB), preventing mitotic spindle formation and proper completion of mitosis. This compound exhibits anticancer chemotherapeutic activity and is currently in clinical trials. CYC-116 inhibits proliferation of a variety of cancer cells.



Bulk quantities available upon request

Product ID	Size
C9708	5 mg
C9708	25 mg

References Kamei H, Jackson RC, Zheleva D, et al. An integrated pharmacokinetic-pharmacodynamic model for an Aurora kinase inhibitor. *J Pharmacokinet Pharmacodyn.* 2010 Aug;37(4):407-34. PMID: 20694801.

Wang S, Midgley CA, Scaërou F, et al. Discovery of N-phenyl-4-(thiazol-5-yl)pyrimidin-2-amine aurora kinase inhibitors. *J Med Chem.* 2010 Jun 10;53(11):4367-78. PMID: 20462263.

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