



# LKT Laboratories, Inc.

## AT-7519 Hydrochloride

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### Product Information

**Product ID** A761003

**CAS No.** 902135-91-5

**Chemical Name** n-(4-Piperidinyl)-4-(2,6-dichlorobenzoylamino)-1h-pyrazole-3-carboxamide hydrochloride

**Synonym** AT 7519 HCl; 4-(2,6-dichlorobenzamido)-N-(piperidin-4-yl)-1H-pyrazole-3-carboxamide hydrochloride

**Formula**  $C_{16}H_{17}Cl_2N_5O_2 \cdot HCl$

**Formula Wt.** 418.70

**Melting Point**

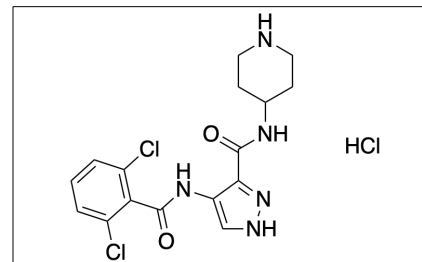
**Purity**  $\geq 98\%$

**Solubility**

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

**Ship Temp** Ambient

**Description** AT-7519 is an ATP competitive CDK inhibitor showing activity against CDK1, 2, 4, 6, and 9. It causes cell cycle arrest followed by apoptosis in human tumor cells and inhibits tumor growth in human tumor xenograft models. It also induces apoptosis in multiple myeloma cells via GSK-3 $\beta$  activation.



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
A761003	5 mg	\$98.00
A761003	25 mg	\$298.00
A761003	100 mg	\$885.00

**References** Santo L., Vallet S., et al. AT7519, A novel small molecule multi-cyclin-dependent kinase inhibitor, induces apoptosis in multiple myeloma via GSK-3 $\beta$  activation and RNA polymerase II inhibition. *Oncogene*. 29:2325-2336 (2010). PMID: 20101221.

Squires M., Feltell R., et al. Biological characterization of AT7519, a small-molecule inhibitor of cyclin-dependent kinases, in human tumor cell lines. *Molecular Cancer Therapeutics*. 8(2):324-332 (2009). PMID: 19174555.

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