LKT Laboratories, Inc.

AT-7519 free base

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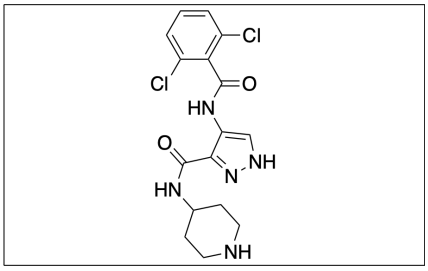
Product Information

Product ID A761001
CAS No. 844442-38-2
Chemical Name n-(4-Piperidinyl)-4-(2,6-dichlorobenzoylamino)-1h-pyrazole-3-carboxamide
Synonym AT7519; 4-(2,6-dichlorobenzamido)-N-(piperidin-4-yl)-1H-pyrazole-3-carboxamide
Formula $C_{16}H_{17}Cl_2N_5O_2$
Formula Wt. 382.25
Melting Point
Purity ≥98%
Solubility



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
A761001	5 mg	$110.00
A761001	25 mg	$365.00
A761001	100 mg	$980.00

Store Temp -20˚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-3β activation. TEST!!!!!!

References

Santo L., Vallet S., et al. AT7519, A novel small molecule multi-cyclin-dependent kinase inhibitor, induces apoptosis in multiple myeloma via GSK-3β 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.