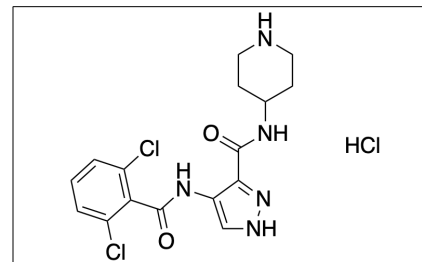




Product Information

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 C₁₆H₁₇Cl₂N₅O₂ · HCl
Formula Wt. 418.70
Melting Point
Purity ≥98%
Solubility



Bulk quantities available upon request

Product ID	Size
A761003	5 mg
A761003	25 mg
A761003	100 mg

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-3B activation.

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