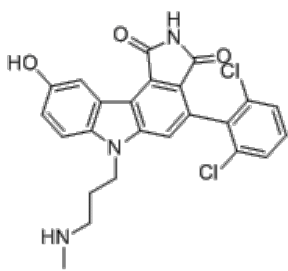


Product Name	: PD-321852	
Synonyms	: PD 321852;PD321852	
Cat No.	: M15356	
CAS Number	: 622856-21-7	
Molecular Formula	: C ₂₄ H ₁₉ Cl ₂ N ₃ O ₃	
Formula Weight	: 468.33	
Chemical Name	4-(2,6-dichlorophenyl)-9-hydroxy-6-(3-(methylamino)propyl)pyrrolo[3,4-c]carbazole-1,3(2H,6H)-dione	
Description	A potent, reasonably selective Chk1 inhibitor with cell IC ₅₀ of 5 nM; potentiates gemcitabine-induced clonogenic death in a panel of pancreatic cancer cell lines; inhibits gemcitabine-induced Rad51 focus formation, and depletes RAD51 proteins in pancreatic cancer cells.	
Pathway	Angiogenesis	
Target	Chk	
Receptor	Chk	
Solubility	—	
SMILES	<chem>O=C1NC(C2=C1C3=C(C=C2C4=C(Cl)C=CC=C4Cl)N(CCCNC)C5=C3C=C(O)C=C5)=O</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1. Parsels LA, et al. Mol Cancer Ther. 2009 Jan;8(1):45-54.