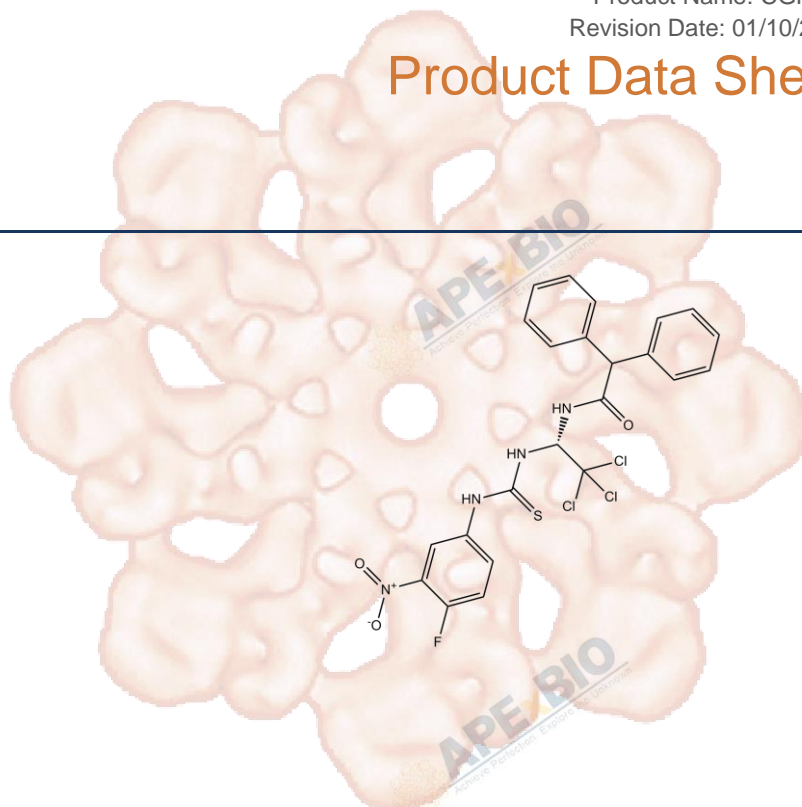


Product Data Sheet

CGK733

Cat. No.:	A8624
CAS No.:	905973-89-9
Formula:	C23H18Cl3FN4O3S
M.Wt:	555.84
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	ATM/ATR
Storage:	Store at -20°C



Solvent & Solubility

≥27.8 mg/mL in DMSO; insoluble in H₂O; ≥5.55 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.7991 mL	8.9954 mL	17.9908 mL
	5 mM	0.3598 mL	1.7991 mL	3.5982 mL
	10 mM	0.1799 mL	0.8995 mL	1.7991 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	ATM/ATR inhibitor,potent and selective	
IC ₅₀ & Target	200 nM (ATM), 200 nM (ATR)	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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