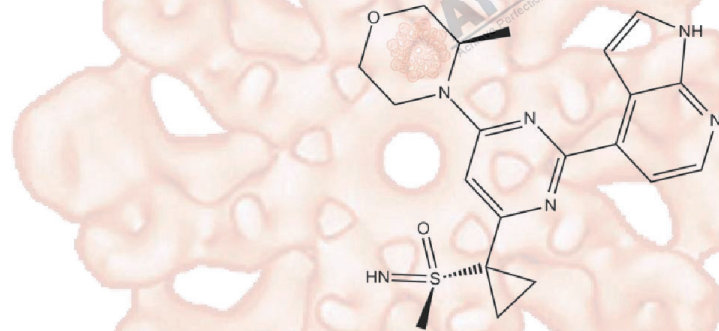


# Product Data Sheet

## AZD6738

<b>Cat. No.:</b>	B6007
<b>CAS No.:</b>	1352226-88-0
<b>Formula:</b>	C <sub>20</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub> S
<b>M.Wt:</b>	412.51
<b>Synonyms:</b>	
<b>Target:</b>	DNA Damage/DNA Repair
<b>Pathway:</b>	ATM/ATR
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥82 mg/mL in DMSO; ≥82.4 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	2.4242 mL	12.1209 mL	24.2418 mL
		5 mM	0.4848 mL	2.4242 mL	4.8484 mL
		10 mM	0.2424 mL	1.2121 mL	2.4242 mL

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

## Biological Activity

Shortsummary	ATR inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

## Product Citations

1. Inna Ricardo-Lax, Karin Broennimann, et al. "A short HBV RNA region induces RNR-R2 expression in non-cycling cells and in primary human hepatocytes." bioRxiv. 2018 October 31.

See more customer validations on [www.apexbt.com](http://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. Short-term 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.

**APEX BIO Technology**

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