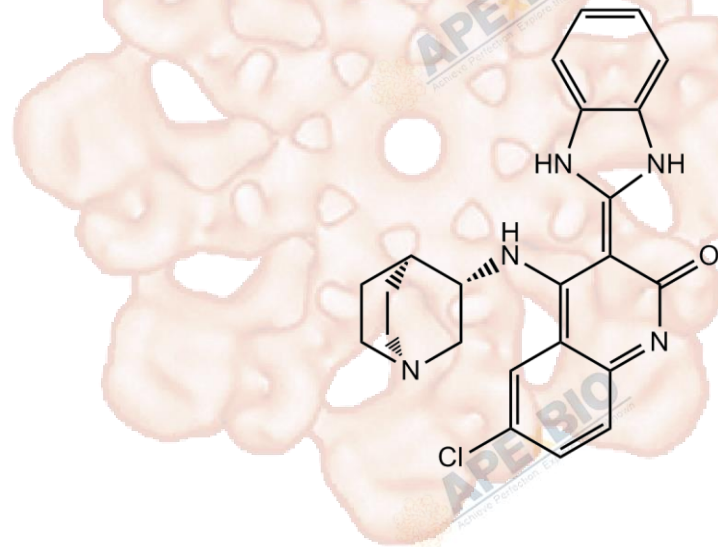


Product Data Sheet

CHIR-124

Cat. No.:	A8394
CAS No.:	405168-58-3
Formula:	C ₂₃ H ₂₂ ClN ₅ O
M.Wt:	419.91
Synonyms:	
Target:	Cell Cycle/Checkpoint
Pathway:	Chk
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 10.5 mg/mL in DMSO; ≥ 2.61 mg/mL in EtOH with gentle warming

In Vitro

Preparing	Solvent	Mass		
		1mg	5mg	10mg
Stock Solutions	Concentration			
	1 mM	2.3815 mL	11.9073 mL	23.8146 mL
	5 mM	0.4763 mL	2.3815 mL	4.7629 mL
	10 mM	0.2381 mL	1.1907 mL	2.3815 mL

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

Biological Activity

Shortsummary

Chk1 inhibitor, novel and potent

IC₅₀ & Target

0.3 nM (Chk1), 5.8 nM (FLT3), 6.6 nM (PDGFR), 23.3 nM (GSK-3), 98.8 nM (Fyn)

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 APExBIO 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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