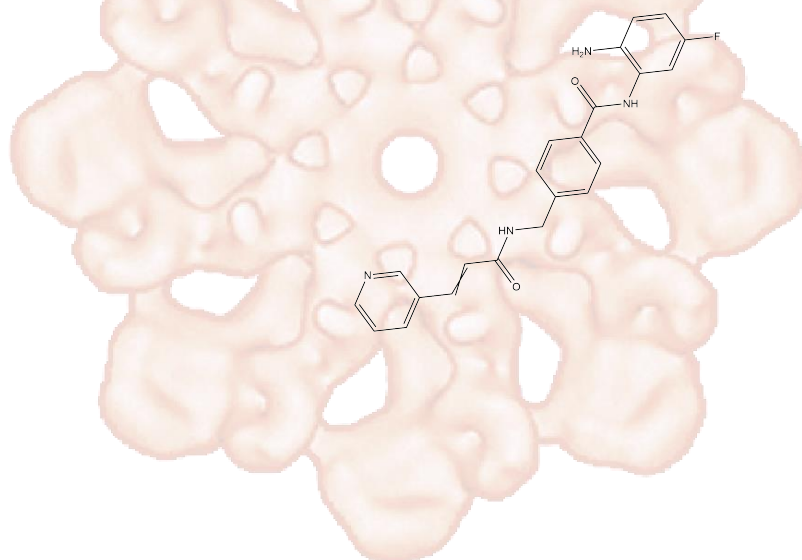


## Product Data Sheet

### Chidamide

<b>Cat. No.:</b>	B5916
<b>CAS No.:</b>	743420-02-2
<b>Formula:</b>	C22H19FN4O2
<b>M.Wt:</b>	390.41
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	HDAC
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH;  $\geq 18.55$  mg/mL in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.5614 mL	12.8070 mL	25.6141 mL
	5 mM		0.5123 mL	2.5614 mL	5.1228 mL
	10 mM		0.2561 mL	1.2807 mL	2.5614 mL

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

### Biological Activity

Shortsummary

Novel HDAC inhibitor

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Li Z, Luo J. "Research on epigenetic mechanism of SFRP2 in advanced chronic myeloid leukemia." Biochem Biophys Res Commun. 2018 Jun 18;501(1):64-72.PMID:29704505

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 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.*

**APExBIO Technology**

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