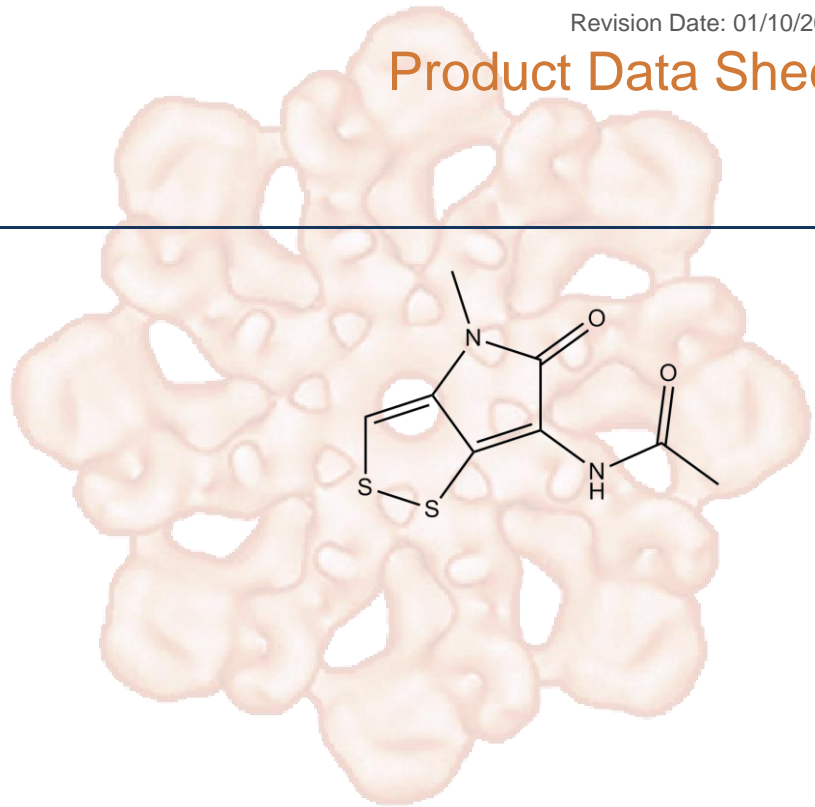


# Product Data Sheet

## Thiolutin

<b>Cat. No.:</b>	A4547
<b>CAS No.:</b>	87-11-6
<b>Formula:</b>	C <sub>8</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
<b>M.Wt:</b>	228.28
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	RNA Polymerase
<b>Storage:</b>	Desiccate at -20°C



## Solvent & Solubility

Limited solubility, soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	<b>1 mM</b>		4.3806 mL	21.9029 mL	43.8059 mL
	<b>5 mM</b>		0.8761 mL	4.3806 mL	8.7612 mL
	<b>10 mM</b>		0.4381 mL	2.1903 mL	4.3806 mL

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

## Biological Activity

Shortsummary

RNA polymerase inhibitor, antibiotic

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

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. 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.*

**APEX BIO Technology**

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