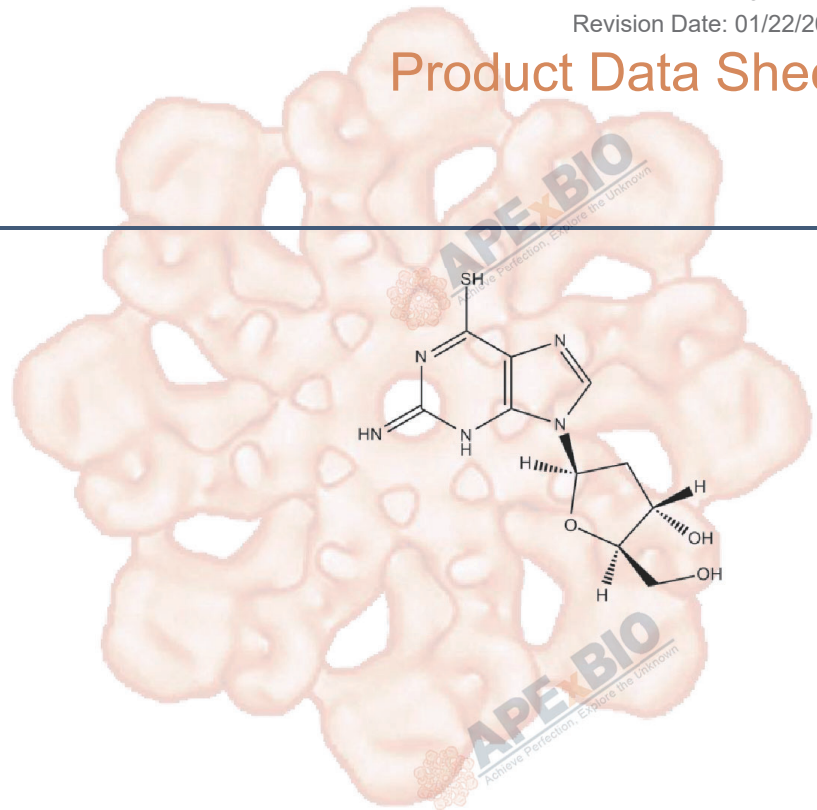


# Product Data Sheet

## 6-Thio-dG

<b>Cat. No.:</b>	B6009
<b>CAS No.:</b>	789-61-7
<b>Formula:</b>	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub> S
<b>M.Wt:</b>	283.31
<b>Synonyms:</b>	
<b>Target:</b>	DNA Damage/DNA Repair
<b>Pathway:</b>	Telomerase
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥12.67 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		<b>Concentration</b>			
		<b>1 mM</b>	3.5297 mL	17.6485 mL	35.2970 mL
		<b>5 mM</b>	0.7059 mL	3.5297 mL	7.0594 mL
		<b>10 mM</b>	0.3530 mL	1.7649 mL	3.5297 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary	telomere disrupting compound	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	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 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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)