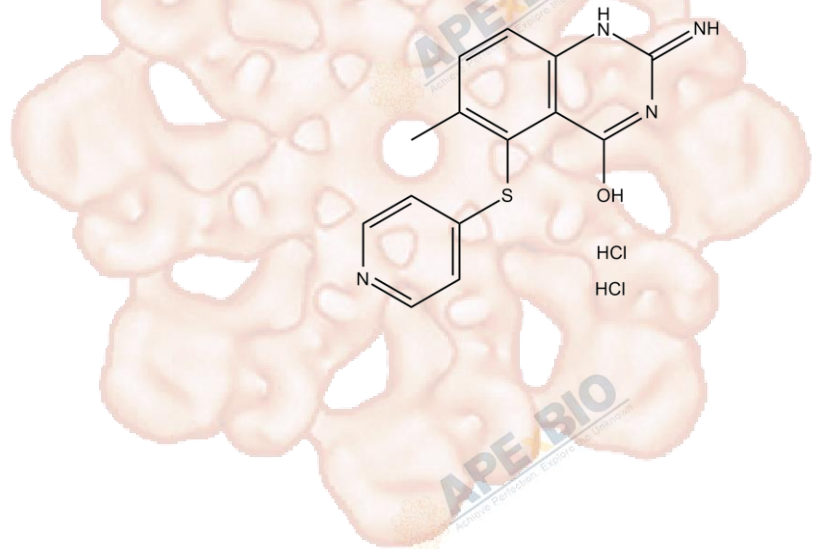


# Product Data Sheet

## Nolatrexed (AG-337)

<b>Cat. No.:</b>	B5892
<b>CAS No.:</b>	152946-68-4
<b>Formula:</b>	C <sub>14</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>5</sub>
<b>M.Wt:</b>	357.26
<b>Synonyms:</b>	
<b>Target:</b>	Apoptosis
<b>Pathway:</b>	Thymidylate Synthase
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥108.6 mg/mL in H<sub>2</sub>O; ≥17.2 mg/mL in DMSO; ≥5.5 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		2.7991 mL	13.9954 mL	27.9908 mL
	5 mM		0.5598 mL	2.7991 mL	5.5982 mL
	10 mM		0.2799 mL	1.3995 mL	2.7991 mL

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

### Biological Activity

Shortsummary

Non-classical thymidylate synthase inhibitor

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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