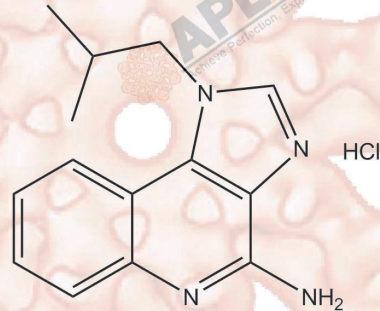


# Product Data Sheet

## Imiquimod hydrochloride

**Cat. No.:** B1186  
**CAS No.:** 99011-78-6  
**Formula:** C<sub>14</sub>H<sub>17</sub>CIN<sub>4</sub>  
**M.Wt:** 276.76  
**Synonyms:**  
**Target:** Immunology/Inflammation  
**Pathway:** TLR  
**Storage:** Store at -20°C



### Solvent & Solubility

≥ 5.54mg/mL in DMSO with ultrasonic and warming

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	3.6132 mL	18.0662 mL	36.1324 mL
		<b>5 mM</b>	0.7226 mL	3.6132 mL	7.2265 mL
		<b>10 mM</b>	0.3613 mL	1.8066 mL	3.6132 mL

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

### Biological Activity

Shortsummary	Toll-like receptor 7 agonist	
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**

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