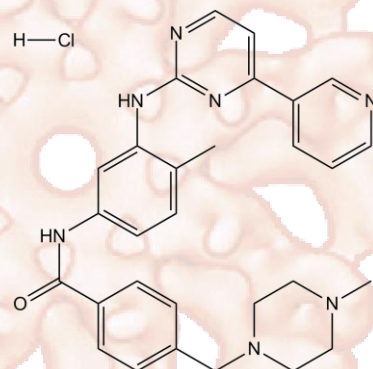


# Product Data Sheet

## Imatinib hydrochloride

<b>Cat. No.:</b>	A3487
<b>CAS No.:</b>	862366-25-4
<b>Formula:</b>	C <sub>29</sub> H <sub>32</sub> ClN <sub>7</sub> O
<b>M.Wt:</b>	530.06
<b>Synonyms:</b>	STI571 hydrochloride; STI 571 hydrochloride; STI-571 hydrochloride
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	PDGFR
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

	Solvent	Mass	1mg	5mg	10mg
Preparing Stock Solutions	Concentration				
	1 mM		1.8866 mL	9.4329 mL	18.8658 mL
	5 mM		0.3773 mL	1.8866 mL	3.7732 mL
	10 mM		0.1887 mL	0.9433 mL	1.8866 mL

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

## Biological Activity

Shortsummary

V-Abl/c-Kit/PDGFR 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 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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