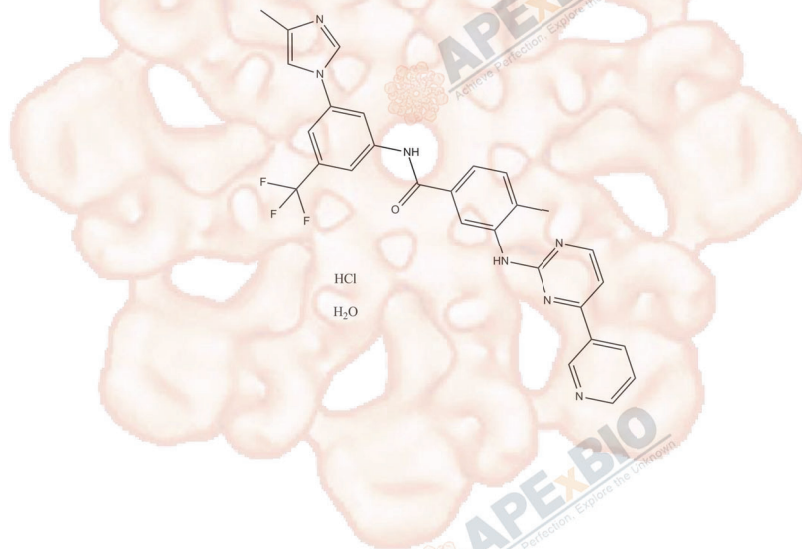


## Nilotinib monohydrochloride monohydrate

<b>Cat. No.:</b>	A3660
<b>CAS No.:</b>	923288-90-8
<b>Formula:</b>	C <sub>28</sub> H <sub>25</sub> ClF <sub>3</sub> N <sub>7</sub> O <sub>2</sub>
<b>M.Wt:</b>	583.99
<b>Synonyms:</b>	AMN-107; Tasigna; AMN107
<b>Target:</b>	TGF-β / Smad Signaling
<b>Pathway:</b>	Bcr-Abl
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥210.8 mg/mL in DMSO, ≥50 mg/mL in EtOH with gentle warming, insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
	1 mM		1.7124 mL	8.5618 mL	17.1236 mL
	5 mM		0.3425 mL	1.7124 mL	3.4247 mL
	10 mM		0.1712 mL	0.8562 mL	1.7124 mL

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

### Biological Activity

Shortsummary

Bcr-Abl 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. Short-term 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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