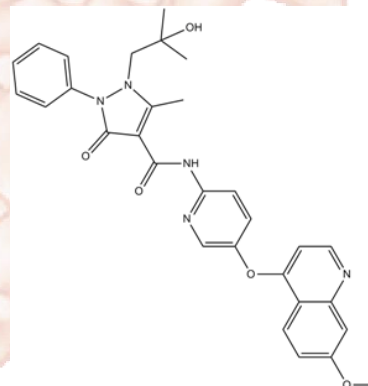


# Product Data Sheet

## AMG-458

<b>Cat. No.:</b>	A8361
<b>CAS No.:</b>	913376-83-7
<b>Formula:</b>	C <sub>30</sub> H <sub>29</sub> N <sub>5</sub> O <sub>5</sub>
<b>M.Wt:</b>	539.58
<b>Synonyms:</b>	AMG 458; AMG458
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	c-MET
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		1.8533 mL	9.2665 mL	18.5329 mL
	5 mM		0.3707 mL	1.8533 mL	3.7066 mL
	10 mM		0.1853 mL	0.9266 mL	1.8533 mL

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

## Biological Activity

Shortsummary

Potent c-Met inhibitor

IC<sub>50</sub> & Target

0.5 nM(Ki) (c-Met (H1094R)), 1.1 nM(Ki) (c-Met (V1092I)), 1.2 nM(Ki) (c-Met (Human)), 2.0 nM(Ki) (c-Met (Mouse)), 2.2 nM(Ki) (c-Met (D1228H))

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<sup>BIO</sup> 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<sup>BIO</sup> Technology**

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