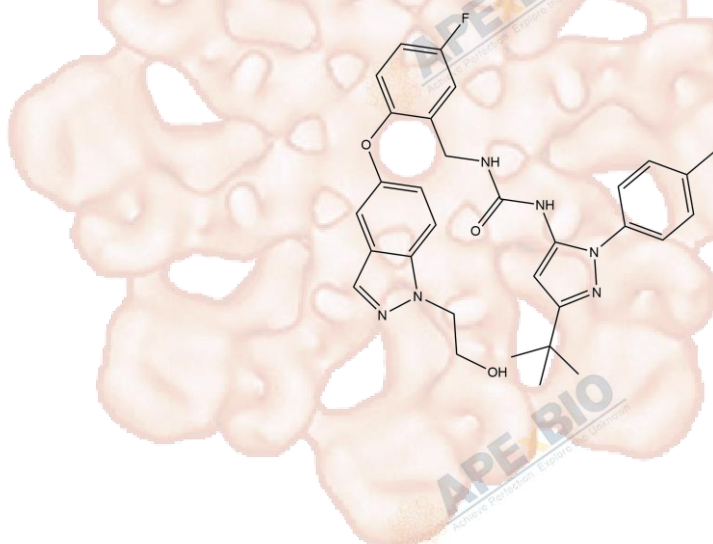


# Product Data Sheet

## Pexmetinib (ARRY-614)

<b>Cat. No.:</b>	B6012
<b>CAS No.:</b>	945614-12-0
<b>Formula:</b>	C <sub>31</sub> H <sub>33</sub> FN <sub>6</sub> O <sub>3</sub>
<b>M.Wt:</b>	556.64
<b>Synonyms:</b>	
<b>Target:</b>	MAPK Signaling
<b>Pathway:</b>	p38
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥107.6 mg/mL in DMSO; ≥113 mg/mL in EtOH

In Vitro

	Solvent	Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.7965 mL	8.9825 mL	17.9649 mL
		5 mM	0.3593 mL	1.7965 mL	3.5930 mL
		10 mM	0.1796 mL	0.8982 mL	1.7965 mL

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

### Biological Activity

Shortsummary

dual inhibitor of p38 MAPK and Tie2/Tek receptor tyrosine kinase

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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

