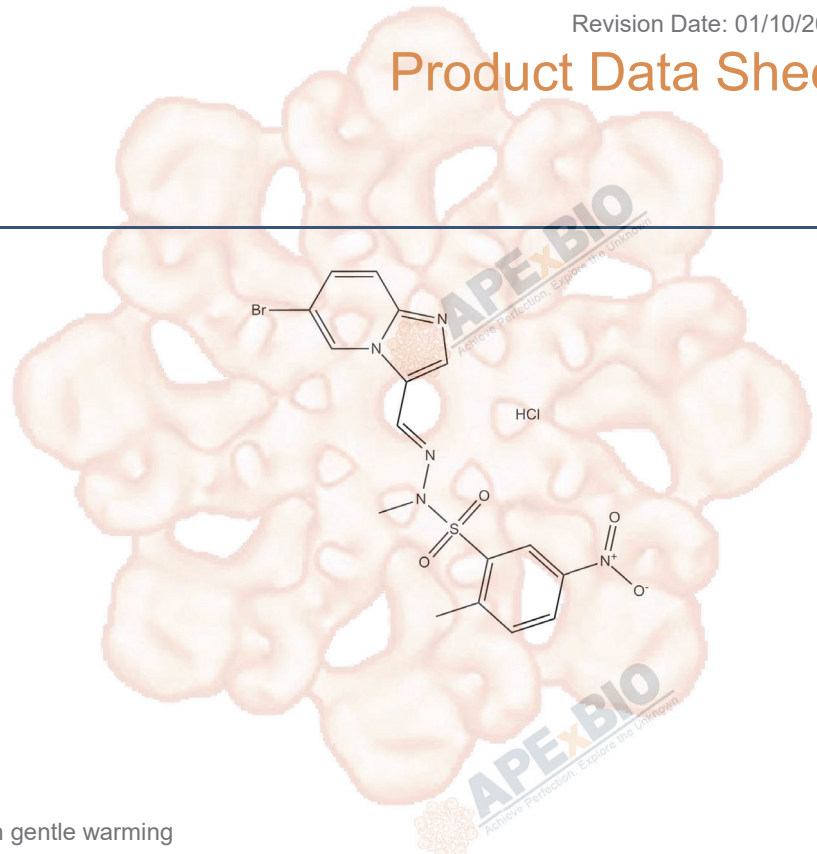


# Product Data Sheet

## PIK-75

<b>Cat. No.:</b>	A2080
<b>CAS No.:</b>	372196-77-5
<b>Formula:</b>	C <sub>16</sub> H <sub>14</sub> BrN <sub>5</sub> O <sub>4</sub> S · HCl
<b>M.Wt:</b>	488.74
<b>Synonyms:</b>	
<b>Target:</b>	PI3K/Akt/mTOR Signaling
<b>Pathway:</b>	PI3K
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥8.15mg/mL in DMSO with gentle warming

In Vitro

Preparing	Solvent	Mass	1mg	5mg	10mg
		Concentration			
Stock Solutions	1 mM		2.0461 mL	10.2304 mL	20.4608 mL
	5 mM		0.4092 mL	2.0461 mL	4.0922 mL
	10 mM		0.2046 mL	1.0230 mL	2.0461 mL

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

## Biological Activity

Shortsummary

Inhibitor of PI3K isoform p110α

IC<sub>50</sub> & Target

5.8 nM (p110α), 76 nM (p110γ), 0.51 μM (p110δ), 1.3 μM (p110β), 2 nM (DNA-PK)

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)

