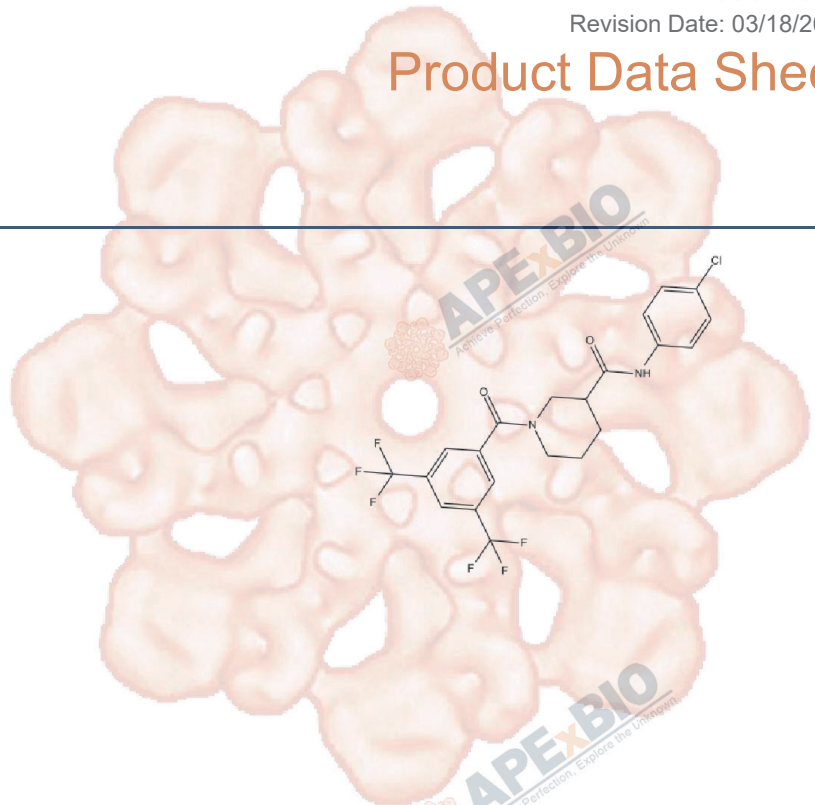


# Product Data Sheet

## CCG-100602

<b>Cat. No.:</b>	C3687
<b>CAS No.:</b>	1207113-88-9
<b>Formula:</b>	C <sub>21</sub> H <sub>17</sub> ClF <sub>6</sub> N <sub>2</sub> O <sub>2</sub>
<b>M.Wt:</b>	478.8
<b>Synonyms:</b>	
<b>Target:</b>	Cell Cycle/Checkpoint
<b>Pathway:</b>	Rho
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥152.4 mg/mL in DMSO; ≥26.9 mg/mL in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	2.0886 mL	10.4428 mL	20.8855 mL
		<b>5 mM</b>	0.4177 mL	2.0886 mL	4.1771 mL
		<b>10 mM</b>	0.2089 mL	1.0443 mL	2.0886 mL

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

### Biological Activity

Shortsummary	Rho pathway inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

### Product Citations

1. Zhou N, Lee JJ, et al. "Rho Kinase Regulates AorticVascular Smooth Muscle Cell Stiffness Via Actin/SRF/Myocardin in Hypertension."Cell Physiol Biochem. 2017 Nov 23;44(2):701-715.PMID:29169155

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**

**[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)