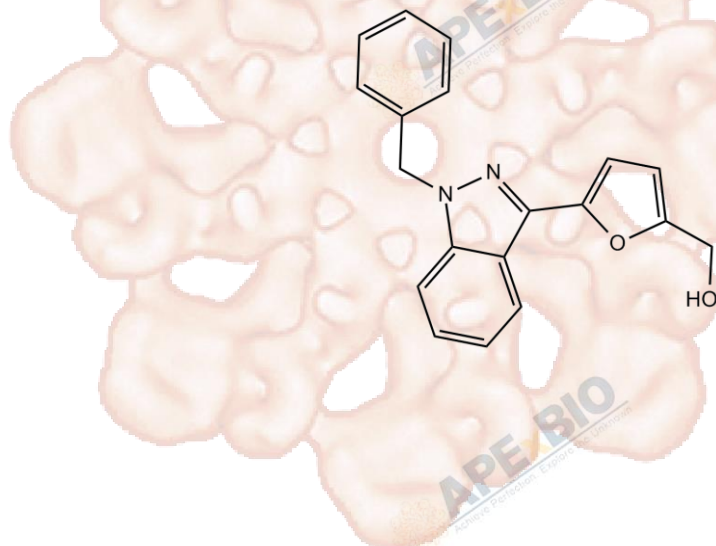


# Product Data Sheet

## YC 1

<b>Cat. No.:</b>	B7641
<b>CAS No.:</b>	170632-47-0
<b>Formula:</b>	C <sub>19</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
<b>M.Wt:</b>	304.34
<b>Synonyms:</b>	
<b>Target:</b>	Others
<b>Pathway:</b>	Guanylyl Cyclase
<b>Storage:</b>	Store at RT



## Solvent & Solubility

≥30.4 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥16.2 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.2858 mL	16.4290 mL	32.8580 mL
		5 mM	0.6572 mL	3.2858 mL	6.5716 mL
		10 mM	0.3286 mL	1.6429 mL	3.2858 mL

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

## Biological Activity

Shortsummary

soluble guanylyl cyclase (sGC) activator

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**

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