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## DATASHEET

YC-1

### Product overview

<b>Name</b>	YC-1
<b>Cat No</b>	HB3521
<b>Purity</b>	>98%
<b>Description</b>	Guanylyl cyclase activator. Also induces G1 cell cycle arrest.

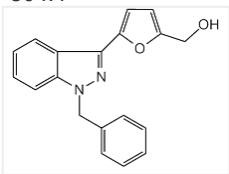
### Biological Data

<b>Biological description</b>	Nitric oxide-independent Guanylyl cyclase activator. Increases cGMP levels in a concentration-dependent manner. Also induces G1 cell cycle arrest. Inhibits platelet adhesion to collagen and shows antithrombotic, anticancer and antitumor effects.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	304.4
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
<b>CAS Number</b>	170632-47-0
<b>PubChem identifier</b>	5712
<b>SMILES</b>	OCC4=CC=C(O4)C2=NN(CC3=CC=CC=C3)C1=CC=CC=C12
<b>InChiKey</b>	OQQVFCKUDYMWGV-UHFFFAOYSA-N
<b>Appearance</b>	White to pale yellow powder