

Hello Bio, Inc.
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DATASHEET

YC-1

Product overview

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

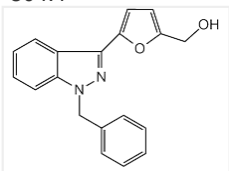
Biological Data

| | |
|-------------------------------|---|
| Biological description | 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. |
|-------------------------------|---|

Solubility & Handling

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

Chemical Data

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