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DATASHEET

YC-1

Product overview

Name	YC-1
Cat No	HB3521
Biological action	Activator
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.
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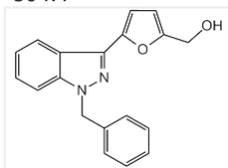
Solubility & Handling

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
Chemical structure

304.4



Molecular Formula
CAS Number
PubChem identifier
SMILES
InChiKey
Appearance

$C_{19}H_{16}N_2O_2$

170632-47-0

5712

OCC4=CC=C(O4)C2=NN(CC3=CC=CC=C3)C1=CC=CC=C12

OQQVFCKUDYMWGV-UHFFFAOYSA-N

White to pale yellow powder