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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.

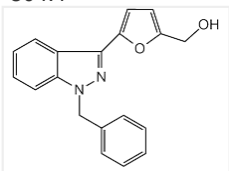
Biological Data

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.
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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	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