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DATASHEET

OAC-1

Product overview

Name	OAC-1
Cat No	HB3391
Biological action	Activator
Purity	>98%
Description	Oct4 activator. Enhances iPSC reprogramming efficiency.

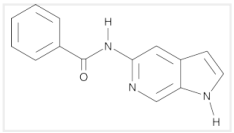
Biological Data

Biological description	Oct4 activator which enhances induced pluripotent stem cells (iPSC) reprogramming efficiency by ~20-fold in the presence of 4F factors: Oct4, Sox2, c-Myc and Klf4) compared to the factors alone.

Solubility & Handling

Storage instructions	+4°C
Solubility overview	Soluble in DMSO (100mM) or ethanol (100mM)
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

Chemical name	*N*-1*H*-Pyrrolo[2,3-*c*]pyridin-5-ylbenz amide
Molecular Weight	237.26
Chemical structure	
Molecular Formula	$C_{14}H_{11}N_3O$
CAS Number	300586-90-7
PubChem identifier	789882
SMILES	O=C(C3=CC=CC=C3)NC1=NC=C2C(C=CN2)=C1
InChiKey	HWJRIFZDXJKJJN-UHFFFAOYSA-N