Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



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

Solubility overview Soluble in DMSO (100mM) or ethanol (100mM)

Storage instructions +4°

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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

I N N N T

Molecular Formula $C_{14}H_{11}N_3O$ CAS Number300586-90-7PubChem identifier789882

SMILES O=C(C3=CC=CC3)NC1=NC=C2C(C=CN2)=C1

InChiKey HWJRIFZDXJKJJN-UHFFFAOYSA-N