

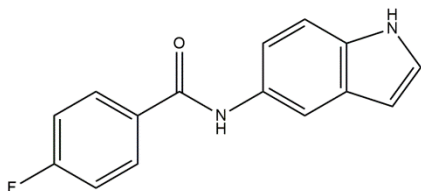
OAC3

06/19

ALTERNATE NAMES: 4-fluoro-N-(1H-indol-5-yl)benzamide; N-(4-fluorobenzoyl)-5-amino-1H-indole

CATALOG #: B2828-5 5 mg
B2828-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₁FN₂O

MOLECULAR WEIGHT: 254.26

CAS NUMBER: 182564-41-6

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: ~20 mg/ml in DMF
~12.5 mg/ml in Ethanol
~16 mg/ml in DMSO

DESCRIPTION: OAC3 (Oct4-activating compound3) is an activator of octamer-binding transcription factor 4 (Oct4). Oct4 is an important regulator of embryonic stem cells pluripotency. It is used to generate induced pluripotent stem cells (iPSCs) with the transcription factors Sox2, Klf4, and c-Myc as a quartet. OAC3 at a concentration of 1 μM enhances reprogramming efficiency of mouse embryonic fibroblasts and generation of iPSC colonies.

STORAGE TEMPERATURE: -20°C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

O411 (Cat. No. B1149)
StemBoost™ Reprogramming Cocktail, 3i (1000X), Sterile-Filtered (Cat. No. S247)
OAC2 (Cat. No. B1080)
OAC1 (Cat. No. B1079)
DiscoveryPak™ Stem Cell Fate Regulator Set X (Cat. No. K396)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***