

OAC2, Oct4 activator

Catalog	Unit
TBI3203-5MG	5 mg
TBI3203-25MG	25 mg

Product Details

Formal Name: N-(1H-Indol-5-yl)benzamide

Molecular Formula: C₁₅H₁₂N₂O

Formula Weight: 236.3

CAS Number: 6019-39-2

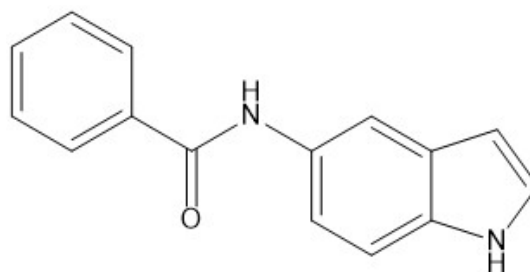
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO up to 20 mg/ml

Storage: -20°C

Stability: ≥ 2 years.



Applications

Oct4 activator

Functions

OAC2 (Oct4 Activating Compound 2) is an activator of octamer-binding transcription factor 4 (Oct4) which plays a role in self-renewal of undifferentiated embryonic stem cells and regulates embryonic stem cell pluripotency. Thus OAC2 enhances iPSC reprogramming efficiency. OAC2 is one component in the 9C cocktail used to convert human fibroblasts to functional cardiomyocytes. It has been employed in the generation of chicken induced pluripotent stem cells from somatic cells using multi-lentiviral transduction.

Application Procedures

First dissolved in Soluble in DMSO up to 20 mg/ml, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.