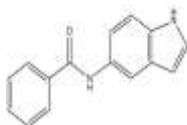


PRODUCT: OAC2**ALTERNATE NAME:** N-1H-indol-5-yl-benzamide**CATALOG #:** B1080-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₂N₂O**MOLECULAR WEIGHT:** 236.27**CAS NUMBER:** 6019-39-2**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.

DESCRIPTION: OAC2 is an Oct4-activating compound that activates expression through the Oct4 gene promoter. In cells expressing Oct4 with Sox2, Klf4, and c-Myc, OAC2 (1 μM) enhances reprogramming efficiency by increasing the rate of production of induced pluripotent stem cells (iPSCs) from embryonic fibroblasts.

REFERENCES: Li, W., *et al.* (2012). *Proc. Natl. Acad. Sci. USA* **109**, 20853-20858.

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

RELATED PRODUCTS:OAC1 (**B1079**)OAC2 (**B1080**)IQ-1 (**1663**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*