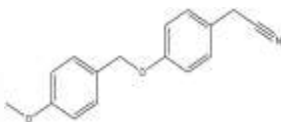


PRODUCT: O411**ALTERNATE NAME:** 4-[(4-Methoxyphenyl)methoxy]benzeneacetonitrile**CATALOG #:** B1149-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₅NO₂**MOLECULAR WEIGHT:** 253.3**CAS NUMBER:** 175135-47-4**APPEARANCE:** Pale green solid**SOLUBILITY:** DMSO (>25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** O411 is potent inducer of Oct3/4 (Octamer-binding transcription factor) and enhances the expression and stabilization of Oct 3 & 4 in neonatal fibroblasts. It also increases the transcriptional activity in somatic cells implying its possible use in regenerative medicine.**REFERENCES:** Cheng, X. , *et.al.* (2015). *J Med Chem.* **58**, 4976-4983.**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**)O411 (**B1149**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**