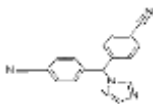


**PRODUCT:****Letrozole****ALTERNATE NAMES:** 4,4'-(1H-1,2,4-Triazol-1-ylmethylene)bisbenzotrile**CATALOG NUMBER:** B2042-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>17</sub>H<sub>11</sub>N<sub>5</sub>**MOLECULAR WEIGHT:** 285.30**CAS NUMBER:** 112809-51-5**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>50 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Letrozole is a third-generation nonsteroidal cell-permeable aromatase inhibitor (IC<sub>50</sub> = 2 nM). It is a competitive inhibitor of the aromatase enzyme system and thus inhibits the conversion of androgens to estrogens. Useful in the treatment of postmenopausal breast cancer.**REFERENCES:** Cohen, M.H., *et al.* (2002). *Clin. Cancer Res.* **8**, 665-669.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**DL-Aminoglutethimide (**B2040**)Exemestane (**9473**)Formestane (**B2041**)Letrozole (**B2042**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**