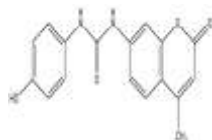


PRODUCT: PAP-AMC, Tyrosinase Substrate**RELATED PRODUCTS:**Tyrosinase Inhibitor Screening Kit (Colorimetric) (**K575-100**)**ALTERNATE NAME:** 1-(4-Methyl-coumarin-7-yl)-3-(4-hydroxyphenyl)urea**CATALOG #:** 2858-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₄N₂O₄**MOLECULAR WEIGHT:** 310.30**CAS NUMBER:** N/A**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (~15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** A useful fluorogenic substrate for tyrosinase. When assaying in phosphate buffer at pH 7.1, the optimal excitation/emission wavelengths are 340/440 nm.**REFERENCES:** Germanas, J.P., *et al.* (2007). *Bioorg. Med. Chem. Lett.* **17**, 6871-6875.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**