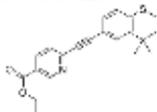


PRODUCT: Tazarotene**ALTERNATE NAME:** 6-[2-(3,4-Dihydro-4,4-dimethyl-2H-1-benzothiopyran-6-yl)ethynyl]-3-pyridinecarboxylic acid ethyl ester**CATALOG #:** B1812-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₂₁NO₂S**MOLECULAR WEIGHT:** 351.46**CAS NUMBER:** 118292-40-3**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (>30 mg/ml) or EtOH (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Tazarotene is a selective retinoic acid receptor (RAR) agonist for the treatment of plaque psoriasis, acne vulgaris and photoaging. Tazarotene induces the expression of tazarotene-induced gene 3 (TIG3), a tumor suppressor gene. In psoriasis, tazarotene normalizes abnormal keratinocyte differentiation and reduces their hyperproliferation.**REFERENCES:** Son, M.S., *et al.* (2009). *Oncol. Res.* **17**, 571-580.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AM580 (2635)

CD437 (2636)

Fenretinide (9417)

Retinoic acid (2218)

TTNPB (2776)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**