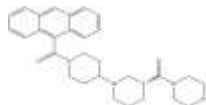


**PRODUCT: CP-640186****ALTERNATE NAME:** [(3R)-1'-(9-anthracenylcarbonyl)[1,4'-bipiperidin]-3-yl]-4-morpholinyl-methanone**CATALOG #:** 9422-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>30</sub>H<sub>35</sub>N<sub>3</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 485.62**CAS NUMBER:** 591778-68-6**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** CP-640186 is a mixed ACC (Acetyl-CoA carboxylase) inhibitor (ACC-1 IC<sub>50</sub> = 53 nM; ACC-2 IC<sub>50</sub> = 61 nM) that lowers malonyl-CoA levels and inhibits hepatic fatty acid and triglyceride synthesis in vitro and in vivo, as well as stimulates muscle fatty acid oxidation and lowers whole body RQ in rats.**REFERENCES:** Zhang, H., *et al.* (2004). *Structure* **12**, 1683-1691.**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**