

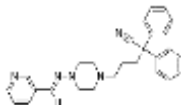
**PRODUCT: SC-26196**

**ALTERNATE NAME:** 2,2-diphenyl-5-[4-(pyridin-3-ylmethylideneamino)piperazin-1-yl]pentanenitrile

**CATALOG #:** B1580-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>29</sub>N<sub>5</sub>

**MOLECULAR WEIGHT:** 423.55

**CAS NUMBER:** 218136-59-5

**APPEARANCE:** Beige solid

**SOLUBILITY:** DMSO (~10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** SC-26196 is a selective Δ6 desaturase inhibitor (IC<sub>50</sub> = 0.2 μM in vitro). It displays selectivity over Δ5 and Δ9 desaturases (IC<sub>50</sub> values are >200 μM in vitro). Exhibits anti-inflammatory properties in a mouse edema model. Eliminates CSCs from ovarian cancer cell lines and inhibits sphere formation in vitro. SC-26196 is orally active in vivo, decreasing edema in the carrageenan paw edema model in mice.

**REFERENCES:** Harmon, S.D., *et al.* (2003). *Lipids* **38**, 469-476.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

A37 (**B1577**)  
BRD7116 (**B1578**)  
Galieallactone (**Cat. No. 2623-100, 500**)  
ITE (**B1579**)  
ML243 (**Cat. No. 2515-5,25**)  
Cancer Cell Stemness Inhibitor, BBI608 (**Cat. No. 2476-5,25**)  
SC-26196 (**B1580**)  
Thioridazine Hydrochloride (**B1581**)  
TY-52156 (**B1582**)  
Verteporfin (**B1583**)

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