

PRODUCT: BAR-502**RELATED PRODUCTS:**

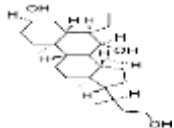
BAR-501 (B1591)

BAR-502 (B1965)

ALTERNATE NAMES: (3R,5S,6R,7R,8S,9S,10S,13R,14S,17R)-6-ethyl-17-((R)-4-hydroxybutan-2-yl)-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthrene-3,7-diol; BAR502

CATALOG NUMBER: B1965-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₅H₄₄O₃

MOLECULAR WEIGHT: 392.62

CAS NUMBER: 1612191-86-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: BAR-502 is a dual FXR (farnesoid X receptor) and GPBAR1 (G protein-coupled bile acid-activated receptor) agonist. BAR-502 promotes browning of white adipose tissue and reverses liver steatosis and fibrosis. BAR502 protects against liver damage caused by HFD by promoting the browning of adipose tissue.

REFERENCES: D'Amore, C., *et al.* (2014). *J. Med. Chem.* **57**, 937-954.

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

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