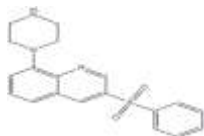


PRODUCT: SB-742457**ALTERNATE NAME:** 3-(Benzenesulfonyl)-8-piperazin-1-ylquinoline; RVT-101**CATALOG #:** 9568-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₉N₃O₂S**MOLECULAR WEIGHT:** 353.44**CAS NUMBER:** 607742-69-8**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** SB-742457 is a highly selective 5-HT₆ receptor antagonist with potential cognition, memory and learning-enhancing effects; displays >100-fold selectivity over other receptors. in anxiolytic and antidepressant-like activity. SB-742457 shows increasing pro-cognitive effects in patients with Alzheimer's Disease (AD).**REFERENCES:** Maher-Edwards, G., et al. (2010). *Curr. Alzheimers Res.* **7**, 374-385.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

APP Antibody (Cat. No. 6001-100)

Beta-Secretase, human recombinant (Cat. No. 7604-20, 100, 1000)

Beta-Secretase Activity Assay Kit (Cat. No. K360-100)

Beta Secretase Inhibitor I (Cat. No. 7501-1)

Beta Secretase Inhibitor II (Cat. No. 7502-1)

Compound 34 (Cat. No. 1898-200, 1000)

Compound E (Cat. No. 1949-250, 1000)

Compound W (Cat. No. 2208-50, 250)

DAPT (Cat. No. 1855-5)

L-685, 258 (Cat. No. 1713-250)

LY2886721 (Cat. No. 2399-5, 25)

LY411575 (Cat. No. 2648-1,5)

RO4929097 (Cat. No. 2011-1, 5)

Semagacestat (Cat. No. 2430-1, 5)

TACE Antibody (Cat. No. 3222-100)

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