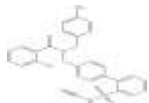


PRODUCT: S0859**RELATED PRODUCTS:**
LY-411575 (Cat. No. 2648-1,5)**ALTERNATE NAME:** (2-Chloro-N-[[2'-[(cyanoamino)sulfonyl][1,1'-biphenyl]-4-yl]methyl]-N-[(4-methylphenyl)methyl]-benzamide**CATALOG #:** 9425-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₉H₂₄ClN₃O₃S**MOLECULAR WEIGHT:** 530.04**CAS NUMBER:** 1019331-10-2**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** S0859 is a selective high-affinity generic inhibitor of the Na⁺/HCO₃⁻ sodium bicarbonate co-transporter (NBC). S0859 does not inhibit Na⁺-H⁺ exchange (NHE). S0859 could be potentially important for probing the transporter's functional role in heart and other tissues.**REFERENCES:** Che'nn, F.F., *et al.* (2008). *Br. J.Pharmacol.* **153**, 972-982.**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**