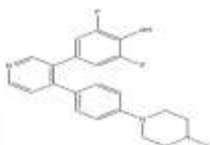


**PRODUCT: LQH685****ALTERNATE NAME:** 2,6-difluoro-4-[4-[4-(4-methyl-1-piperazinyl)phenyl]-3-pyridinyl]-phenol**CATALOG #:** B1232-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>22</sub>H<sub>21</sub>F<sub>2</sub>N<sub>3</sub>O**MOLECULAR WEIGHT:** 381.4**CAS NUMBER:** 1627710-50-2**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** LQH685 is a potent and specific RSK (p90 ribosomal S6 kinase) inhibitor. Inhibits RSK1, 2, and 3 biochemical activities with IC<sub>50</sub> values of 4 to 13 nM.**REFERENCES:** Aronchik, I., *et al.* (2014). *Mol. Cancer Res.* **12**, 803-812.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**BI-D1870 (**1924**)LQH685 (**B1232**)LJI-308 (**B1233**)RSK2 Antibody (**3546**)Active RSK1 (**7721**)Active RSK2 (**7768**)Active RSK3 (**7774**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**