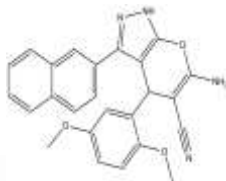


**PRODUCT: RBC8****RELATED PRODUCTS:**

BQU57 (9576)

CID-1067700 (2688)

**ALTERNATE NAME:** 6-Amino-4-(2,5-dimethoxyphenyl)-1,4-dihydro-3-(2-naphthalenyl)pyrano[2,3-c]pyrazole-5-carbonitrile**CATALOG #:** B1136-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>25</sub>H<sub>20</sub>N<sub>4</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 424.45**CAS NUMBER:** 361185-42-4**APPEARANCE:** White Solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** RBC8 is cell-permeable small molecule that inhibits the binding of Ras-like GTPases A and B ( RalA and RalB GTPase ) to RaLBP1 and shown to suppress growth of xenograft tumors in mice. It reduces the activation of RaiA in living cells Ral is needed for the growth of murine embryonic fibroblasts (MEFs). Ral pull down assay shows that RBC8 inhibits the activation of both RalA and RalB in the H2122 and H358 cell lines.**REFERENCES:** Yan *et al.* (2014). *Nature*, **515**, 443-447.**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**