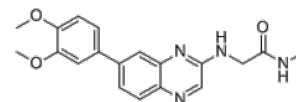


Product Name : BQR-695
Cat. No. : PC-61695
CAS No. : 1513879-21-4
Molecular Formula : C₁₉H₂₀N₄O₃
Molecular Weight : 352.394
Target : PI4K
Solubility : 10 mM in DMSO



Biological Activity

BQR-695 (NVP-BQR695) is a highly potent, selective **PI4KIIIβ** inhibitor that has high potency against both the human (IC₅₀ = 80 nM) and PvPI4K (IC₅₀=3.5 nM).

BQR-695 shows >100 fold more potent over all other class I and class III PI3K isoforms.

BQR-695 induces a schizont-stage arrest in imidazopyrazine-treated parasites and exhibits cross-resistance with the imidazopyrazine-resistant lines.

BQR-695 is a novel antimalarial compound that inhibits the intracellular development of multiple Plasmodium species at each stage of infection in the vertebrate host.

References

McNamara CW, et al. *Nature*. 2013 Dec 12;504(7479):248-253.

Fowler ML, et al. *Protein Sci*. 2016 Apr;25(4):826-39.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com