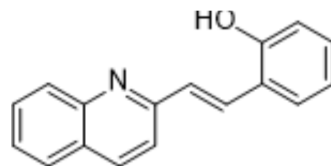


Quininib

| | |
|--------------------|---|
| Cat. No.: | HY-119442 |
| CAS No.: | 143816-42-6 |
| Molecular Formula: | C ₁₇ H ₁₃ NO |
| Molecular Weight: | 247.29 |
| Target: | Leukotriene Receptor |
| Pathway: | GPCR/G Protein |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | | |
|---------------------------|--|---|
| Description | Quininib is a cysteinyl leukotriene 1 and 2 receptor antagonist with IC ₅₀ s of 1.2 and 52 μM for CysLT ₁ R and CysLT ₂ R, respectively. Quininib is a potent inhibitor of developmental angiogenesis in the zebrafish eye. Quininib can be used for the research of ocular neovascular pathologies and may complement current anti-VEGF biological agents ^[1] . | |
| IC ₅₀ & Target | CysLT ₁ 1.2 μM (IC ₅₀) | CysLT ₂ 52 μM (IC ₅₀) |

REFERENCES

[1]. Alison L Reynolds, et al. Phenotype-based Discovery of 2-[(E)-2-(Quinolin-2-yl)vinyl]phenol as a Novel Regulator of Ocular Angiogenesis. J Biol Chem. 2016 Apr 1;291(14):7242-55.

Caution: Product has not been fully validated for medical applications. For research use only.

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