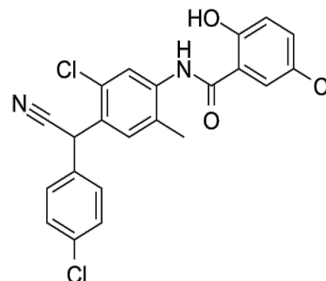


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : ZT-1a
Cat.No. : URK-V2380
CAS No. : 212135-62-1
Molecular Formula : $C_{22}H_{15}Cl_3N_2O_2$
Molecular Weight : 445.73
Target : SPAK
Solubility :



Biological Activity

ZT-1a is a potent and selective SPAK inhibitor.

ZT-1a inhibits NKCC1 and stimulates KCCs by decreasing their SPAK-dependent phosphorylation.

ZT-1a (10 μ M) inhibits NKCC1 but stimulates KCC3 activity.

Inhibited SPAK-dependent cation-Cl⁻ cotransporters (CCC) phosphorylation in vivo.

References

[1]. Jinwei Zhang, et al. Nat Commun. 2020 Jan 7;11(1):78.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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