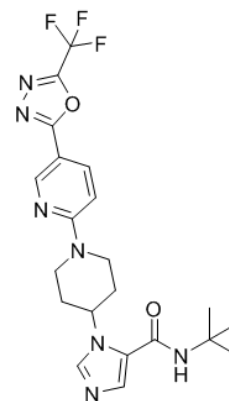


Product Name : WNK463
Cat. No. : PC-42214
CAS No. : 2012607-27-9
Molecular Formula : C₂₁H₂₄F₃N₇O₂
Molecular Weight : 463.4562
Target : WNK Kinase
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

WNK463 is the first, potent, selective, and orally bioavailable pan With-No-Lysine (WNK) Kinase catalytic activity inhibitor with IC₅₀ of 5/1/6/9 nM for **WNK1/2/3/4**, respectively.

WNK463 shows >50% inhibition against only 2 out of 442 human kinases at 10 uM.

WNK463 affects blood pressure and body fluid and electro-lyte homeostasis in rodent models of hypertension.

References

Yamada K, et al. *Nat Chem Biol*. 2016 Nov;12(11):896-898.

Zhang J, et al. *Sci Signal*. 2016 Oct 18;9(450):pe3.

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

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