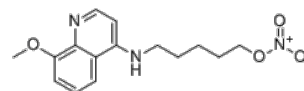


Product Name : 5MPN
Cat. No. : PC-35343
CAS No. : 47208-82-2
Molecular Formula : C₁₅H₁₉N₃O₄
Molecular Weight : 305.334
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PFKFB4 inhibitor 5MPN is a first-in-class, selective, competitive, orally available inhibitor of **PFKFB4** with K_i of 8.6 μM, does not inhibit PFK-1 or PFKFB3.

PFKFB4 inhibitor 5MPN suppresses the glycolysis and proliferation of multiple human cancer cell lines but not non-transformed epithelial cells in vitro.

PFKFB4 inhibitor 5MPN suppresses the glucose metabolism and growth of tumors in mice.

References

Chesney J, et al. *Oncotarget*. 2015 Jul 20;6(20):18001-11.

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

E-mail: tech@probechem.com