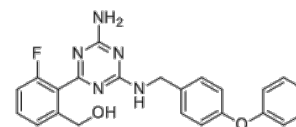


Product Name : MS48107
Cat. No. : PC-72990
CAS No. : 2375070-79-2
Molecular Formula : C₂₃H₂₀FN₅O₂
Molecular Weight : 417.444
Target : Proton-sensing GPCRs
Solubility : 10 mM in DMSO



Biological Activity

MS48107 (MS 48107) is a potent, selective, positive allosteric modulator of G protein-coupled receptor 68 (**GPR68**, Log(αβ/KB)=6.83).

MS48107 displays good selectivity against all human GPCRs in PRESTO-Tango screening assays.

MS48107 was bioavailable and brain-penetrant in mice.

References

Xufen Yu, et al. J Med Chem. 2019 Aug 22;62(16):7557-7574.

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

E-mail: tech@probechem.com