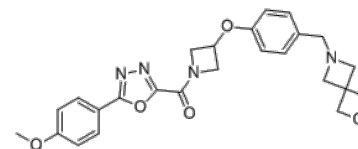


Product Name : AZD1979
Cat. No. : PC-61510
CAS No. : 1254035-84-1
Molecular Formula : C₂₅H₂₆N₄O₅
Molecular Weight : 462.506
Target :
Solubility : 10 mM in DMSO



Biological Activity

AZD1979 is a potent, selective melanin concentrating hormone receptor 1 (MCH-R1, **MCHR1**) antagonist with binding K_i of 12.2 nM.

AZD1979 shows no apparent affinity for MCHR2 ($K_i > 40 \mu\text{M}$).

AZD1979 dose-dependently reduces body weight in DIO mice leading to improved homeostasis model assessment-index of insulin sensitivity.

References

Johansson A, et al. *J Med Chem.* 2016 Mar 24;59(6):2497-511.

Ploj K, et al. *Br J Pharmacol.* 2016 Sep;173(18):2739-51.

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

E-mail: tech@probechem.com