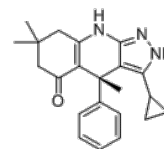


Product Name : BRD0209
Cat. No. : PC-62876
CAS No. : 1597439-87-6
Molecular Formula : C₂₂H₂₅N₃O
Molecular Weight : 347.462
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

BRD0209 is a highly selective, potent, reversible, ATP-competitive **GSK3** inhibitor with IC₅₀ of 19 nM/5 nM for **GSK3 α /GSK3 β** respectively.

BRD0209 displays remarkable selectivity versus the kinome.

BRD0209 causes a dramatic decrease in autophosphorylation at Tyr279 (pGSK3 α) and Tyr216 (pGSK3 β) with longer exposure (24h).

References

Wagner FF, et al. *ACS Chem Biol.* 2016 Jul 15;11(7):1952-63.

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

E-mail: tech@probechem.com