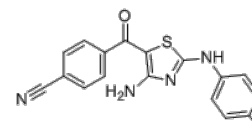


Product Name : ABC1183
Cat. No. : PC-62530
CAS No. : 1042735-18-1
Molecular Formula : C₁₈H₁₄N₄OS
Molecular Weight : 334.397
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

ABC1183 is a potent, selective, orally active **GSK3 α/β** and **CDK9** inhibitor with IC₅₀ of 327/657 nM and 321 nM (CDK9/cyclin T1), shows growth inhibitory activity against a broad panel of cancer cell lines.

ABC1183 decreases cell survival through G₂/M arrest and modulates oncogenic signaling through changes in GSK3, GS and β -catenin phosphorylation and MCL1 expression.

ABC1183 suppresses tumor growth and inflammation-driven gastrointestinal disease symptoms without organ or hematological toxicity in vivo.

References

Schrecengost RS, et al. *J Pharmacol Exp Ther.* 2018 Feb 6. pii: jpet.117.245738.

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

E-mail: tech@probechem.com