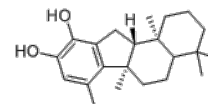


Product Name : AQX-016A
Cat. No. : PC-38538
CAS No. : 849669-54-1
Molecular Formula : C₂₂H₃₂O₂
Molecular Weight : 328.496
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



1. Ong CJ, et al. *Blood*. 2007 Sep 15;110(6):1942-9.

Biological Activity

AQX-016A is a potent, selective small molecule agonist of **SHIP1** phosphatase activity, upregulates SHIP1 activity in the PI3K signaling pathway in cells, without activity for SHIP2 phosphatase activity.

AQX-016A decreased PI(3,4,5)P₃ levels in LPS treated macrophages, but not PI3K inhibitor LY294002.

AQX-016A reduced TNF α in LPS challenged bone marrow-derived macrophages (BMDM).

References

