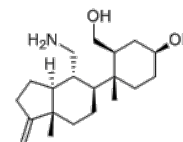


Product Name : AQX 1125
Cat. No. : PC-50004
CAS No. : 782487-28-9
Molecular Formula : C₂₀H₃₅NO₂
Molecular Weight : 321.505
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



1. Stenton GR, et al. *Br J Pharmacol.* 2013 Mar;168(6):1519-29.
2. Stenton GR, et al. *Br J Pharmacol.* 2013 Mar;168(6):1!

Biological Activity

AQX 1125 (Rosiptor) is a specific, orally bioavailable **SHIP1** activator with no effect on functional androgen, oestrogen, oestrogen-related receptor α , glucocorticoid, mineralocorticoid and progesterone receptor at 30 μ M.

AQX 1125 (Rosiptor) inhibits the pAkt (S473) in MOLT-4 cells, and inhibits cytokine release in mixed splenocytes.

AQX 1125 (Rosiptor) significantly decreases β -hexosaminidase release in mouse BMMCs.

AQX 1125 (Rosiptor) inhibits chemotaxis in human mononuclear cells (EC₅₀=0.26 μ M).

AQX 1125 (Rosiptor) suppresses leukocyte accumulation and inflammatory mediator release in rodent models of pulmonary inflammation and allergy.

References

