

Product Name	: AQX 1125
Synonyms	: AQX-1125; AQX1125; Rosiptor
Cat No.	: M15953
CAS Number	: 782487-28-9
Molecular Formula	: C ₂₀ H ₃₅ NO ₂
Formula Weight	: 321.51
Chemical Name	: (1S,3S,4R)-4-((3aS,4R,5S,7aS)-4-(aminomethyl)-7a-methyl-1-methylenecyclooctahydro-1H-inden-5-yl)-3-(hydroxymethyl)-4-methylcyclohexan-1-ol
Description	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 μM; inhibits the pAkt (S473) in MOLT-4 cells, and inhibits cytokine release in mixed splenocytes; significantly decreases β-hexosaminidase release in mouse BMMCs; inhibits chemotaxis in human mononuclear cells (EC_{50}=0.26 μM); suppresses leukocyte accumulation and inflammatory mediator release in rodent models of pulmonary inflammation and allergy.COPD Phase 2 Clinical
Pathway	: Metabolic Enzyme/Protease
Target	: Protein Phosphatase/PTP
Receptor	: Protein Phosphatase/PTP
Solubility	: DMSO : 150 mg/mL 466.56 mM
SMILES	: <chem>CC1(CCC(CC1CO)O)C2CCC3(C(C2CN)CCC3=C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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):1506-18.

