

Seladelpar sodium salt

Catalog No: tcsc0040410



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

Formula:

$C_{21}H_{22}F_3NaO_5S$

Pathway:

Cell Cycle/DNA Damage

Target:

PPAR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

MBX-8025 sodium salt;RWJ-800025 sodium salt

Observed Molecular Weight:

466.45

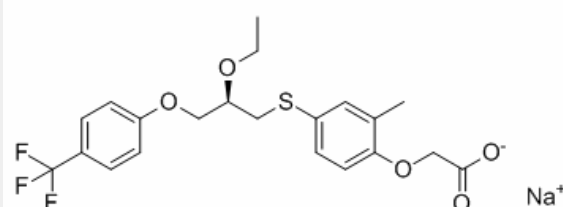
Product Description

Seladelpar sodium salt (MBX-8025) is an orally active, potent and specific **PPAR δ** agonist with an **EC₅₀** of 2 nM, showing more than 750-fold and 2500-fold selectivity over the PPAR α and PPAR γ receptors, respectively.

IC50 & Target: EC50: 2 nM (PPAR δ)^{[1][2]}

In Vitro: MBX-8025 is an orally active, potent (EC_{50} =2 nM), and specific (750-fold and 2500-fold compared with PPAR α or PPAR γ receptors, respectively) PPAR δ agonist being developed as a lipid-altering agent^{[2][3]}.

In Vivo: In atherogenic diet-fed *Wt* mice, administration of Seladelpar sodium salt reduces body weight by ~18% (Pfoz/foz mice. Seladelpar sodium salt lowers serum alanine aminotransferase (ALT) levels in *foz/foz* mice (PWt mice. Seladelpar sodium salt normalizes serum cholesterol and decreases triglycerides in both genotypes (Pfoz/foz mice (P[4].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!