

Product Name	: CYM50308
Synonyms	: —
Cat No.	: M23505
CAS Number	: 1345858-76-5
Molecular Formula	: C ₂₀ H ₂₁ F ₂ N ₃ O ₂ S
Formula Weight	: 405.5
Chemical Name	: —
Description	: CYM50308 is a high affinity agonist of sphingosine-1-phosphate receptor 4 (S1P4-R) (EC ₅₀ : 56 nM). CYM50308 has no activity at S1P1-R, S1P2-R and S1P3-R subtypes at concentrations up to 25 μM and it shows 37-fold more selective for S1P4-R than S1P5-R.
Pathway	: GPCR/G Protein
Target	: S1P Receptor
Receptor	: S1P4;S1P5
Solubility	: DMSO: 12 mg/mL?(29.60 mM; ?Need ultrasonic)
SMILES	: <chem>O=C1N(C)C(S/C1=C\C2=C(C)N(C3=CC=C(F)C=C3F)C(C)=C2)=N/CCOC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Urbano M, et al. Discovery, synthesis and SAR analysis of novel selective small molecule S1P4-R agonists based on a (2Z,5Z)-5-((pyrrol-3-yl)methylene)-3-alkyl-2-(alkylimino)thiazolidin-4-one chemotype. Bioorg Med Chem Lett. 2011 Nov 15;21(22):6739-45.