

Product Name	: PF-06372865
Synonyms	: PF06372865
Cat No.	: M12347
CAS Number	: 1614245-70-3
Molecular Formula	: C22H21FN4O3S
Formula Weight	: 440.49
Chemical Name	: 7-ethyl-4-(4'-(ethylsulfonyl)-6-fluoro-2'-methoxybiphenyl-3-yl)-7H-imidazo[4,5-c]pyridazine
Description	: PF-06372865 is a novel potent, $\alpha 2/3$ functionally selective GABAA receptor positive allosteric modulator; exhibits functional selectivity for receptors containing $\alpha 2/3/5$ subunits, with significant positive allosteric modulation (90-140%) but negligible activity (<20%) at GABAA receptors containing $\alpha 1$ subunits; demonstrates a robust increase in saccadic peak velocity, increases in beta frequency qEEG and a slight saturating increase in body sway in clinical trials. Epilepsy Phase 1 Clinical
Pathway	: Membrane Transporter/Ion Channel
Target	: GAT
Receptor	: GAT
Solubility	: —
SMILES	: <chem>COC1=CC(S(=O)(CC)=O)=CC=C1C2=C(F)C=CC(C3=C4C(N(CC)C=N4)=NN=C3)=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Nickolls SA, et al. Br J Pharmacol. 2018 Feb;175(4):708-725.

