

Product Name	: PF 04942847
Synonyms	: PF-04942847; PF04942847
Cat No.	: M10770
CAS Number	: 1207961-33-8
Molecular Formula	: C ₂₂ H ₂₃ ClF ₃ N ₇ O ₂
Formula Weight	: 509.92
Chemical Name	: 2-amino-4-{4-chloro-2-[2-(4-fluoro-1H-pyrazol-1-yl)ethoxy]-6-methylphenyl}-N-(2,2-difluoropropyl)-5,7-dihydro-6H-pyrrolo[3,4-d]pyrimidine-6-carboxamide
Description	: An orally available, ATP-competitive, small-molecule inhibitor of HSP90 with K _i of 6 nM; maintains potency toward HSP90 client protein degradation in various cellular assay with AKT IC ₅₀ of 20-100 nM, demonstrates tumor growth inhibition in the MDA-MB-231 xenograft model.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: HSP
Receptor	: HSP
Solubility	: —
SMILES	: <chem>CC1=CC(=CC(=C1C2=NC(=NC3=C2CN(C3)C(=O)NCC(C)(F)F)N)OCCN4C=C(C(=N4)F)Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yamazaki S, et al. J Pharmacol Exp Ther. 2011 Sep;338(3):964-73.

