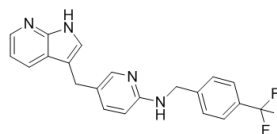


Product Name	: PLX647
Synonyms	: PLX647; PLX 647; PLX-647.
Cat No.	: M16354
CAS Number	: 873786-09-5
Molecular Formula	: C ₂₁ H ₁₇ F ₃ N ₄
Formula Weight	: 382.38
Chemical Name	: 5-((1H-pyrrolo[2,3-b]pyridin-3-yl)methyl)-N-(4-(trifluoromethyl)benzyl)pyridin-2-amine
Description	: PLX647 is a highly specific dual FMS/KIT kinase inhibitor with IC ₅₀ of 28/16 nM respectively.
Pathway	: Tyrosine Kinase
Target	: CSF1R
Receptor	: c-Fms; c-Kit
Solubility	: DMSO: 20 mg/mL
SMILES	: <chem>FC1=CC=C(C=C1)CNC2=NC=C(CC3=CNC4=NC=CC=C43)C=C2(F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Zhang C, et al. Proc Natl Acad Sci U S A. 2013 Apr 2;110(14):5689-94.