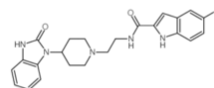


Product Name	: FIPI
Synonyms	: 5-Fluoro-2-indolyl deschlorohalopemide
Cat No.	: M17676
CAS Number	: 939055-18-2
Molecular Formula	: C ₂₃ H ₂₄ FN ₅ O ₂
Formula Weight	: 421.48
Chemical Name	: —
Description	: FIPI is a derivative of halopemide which potently inhibits both PLD1 (IC ₅₀ = 25 nM) and PLD2 (IC ₅₀ = 20 nM); prevents PLD regulation of F-actin cytoskeleton reorganization, cell spreading, and chemotaxis.
Pathway	: PI3K/Akt/mTOR signaling
Target	: S6 Kinase
Receptor	: PLD1; PLD2
Solubility	: DMSO : 14.67 mg/mL 34.81 mM;
SMILES	: <chem>O=C(c1cc2c(ccc(F)c2)[nH]1)NCCN1CCC(n2c(=O)[nH]c3c2ccccc3)CC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Monovich L, et al. Optimization of halopemide for phospholipase D2 inhibition. Bioorg Med Chem Lett. 2007 Apr 15;17(8):2310-1.