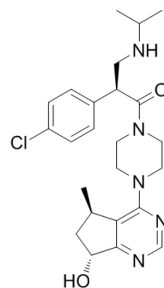


Product Name	: Ipatasertib
Synonyms	: GDC-0068
Cat No.	: M10012
CAS Number	: 1001264-89-6
Molecular Formula	: C ₂₄ H ₃₂ ClN ₅ O ₂
Formula Weight	: 458.00
Chemical Name	: —
Description	: Ipatasertib (GDC-0068) is a highly selective pan-Akt inhibitor targeting Akt1/2/3 with IC ₅₀ of 5 nM/18 nM/8 nM, 620-fold selectivity over PKA. Phase 2.
Pathway	: PI3K/Akt/mTOR signaling
Target	: Akt
Receptor	: Akt1; Akt2; Akt3
Solubility	: DMSO:92 mg/mL (200.87 mM);Ethanol:92 mg/mL (200.87 mM);Water: <1 mg/mL (<1 mM)
SMILES	: <chem>CC(C)NC[C@@H](C(=O)N1CCN(CC1)C1=C2[C@H](C)C[C@@H](O)C2=NC=N1)C1=CC=C(Cl)C=C1</chem> [r,c:15,23,25,33,t:28,30]
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Lin K. Cancer Res, 2011, 71(8 Supplement), abstract DDT02-0