

Product Name	: PIK-108
Synonyms	: PIK 108; PIK108
Cat No.	: M24934
CAS Number	: 901398-68-3
Molecular Formula	: C ₂₂ H ₂₄ N ₂ O ₃
Formula Weight	: 364.4
Chemical Name	: —
Description	: PIK-108 is an allosteric inhibitor of phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunits β and δ (PI3Kβ/δ).
Pathway	: PI3K/Akt/mTOR signaling
Target	: PI3K
Receptor	: PI3Kα; PI3Kβ
Solubility	: DMSO:45 mg/mL?(123.48 mM; ?Need ultrasonic)
SMILES	: <chem>O=C1C=C(N2CCOCC2)OC3=C(C(NC4=CC=CC=C4)C)C=C(C)C=C13</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Certal V, Halley F, Virone-Oddos A, Delorme C, Karlsson A, Rak A, Thompson F, Filoche-Rommé B, El-Ahmad Y, Carry JC et al.. (2012) Discovery and optimization of new benzimidazole- and benzoxazole-pyrimidone selective PI3Kβ inhibitors for the treatment of phosphatase and TENsin homologue (PTEN)-deficient cancers. J. Med. Chem., 55 (10): 4788-805. [PMID:22524426]