Product Name	:	PI3Kα/mTOR-IN-1
Synonyms	:	——
Cat No.	:	M33082
CAS Number	:	1013098-90-2
Molecular Formula	:	C16H18N6O
Formula Weight	:	310.35
Chemical Name	:	——
Description	:	PI3Kα/mTOR-IN-1 is a potent PI3Kα/mTOR dual inhibitor, with an IC50 of 7 nM for PI3Kα in a cell assay, and Kis of 10.6 nM and 12.5 nM for mTOR and PI3Kα in a cell free assay , respectively.
Pathway	:	PI3K/Akt/mTOR signaling
Target	:	mTOR
Receptor	:	mTOR | PI3K
Solubility	:	——
SMILES	:	O=C1N(C=2C(C=C1C=3C=NNC3)=C(C)N=C(N)N2)C4CCCC4
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1. Le PT, et al. Design and synthesis of a novel pyrrolidinyl pyrido pyrimidinone derivative as a potent inhibitor of PI3Kα and mTOR. Bioorg Med Chem Lett. 2012 Aug 1;22(15):5098-103.?