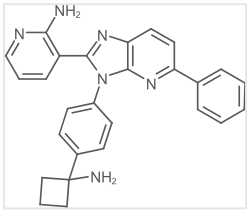
ARQ-092 Inhibitor

PRODUCT OVERVIEW

Product Name	ARQ-092, Inhibitor
Full Product Name	ARQ-092
Product Gene Name	ARQ-092, inhibitor
Form/Format	POWDER
Purity/Purification	99.9%
Preparation and Storage	For 3 years at -20 degree C (powder) For 2 years -80 degree C in solvent.
Molecular Weight	432.531
CAS	1313881-70-7
Formula	C27H24N6
Pathways	Cytoskeletal Signaling; PI3K/Akt/mTOR signaling
Target	Akt
Smiles	c1(c(cccn1)c1n(c2c(ccc(n2)c2ccccc2)n1)c1ccc(cc1)C1(CCC1)N)N
Receptor	Akt
Bioactivity	ARQ-092 is an Akt inhibitor extracted from patent US/20150299195A1, compound A.
Solubility	DMSO: >= 40.2 mg/mL
Solubility Note	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Product Categories/Family for ARQ-092, inhibitor	Cancer
Related Product Information for ARQ-092, inhibitor	MBS579597 is an inhibitor targeting ARQ-092.
Product References and Citations for ARQ-092, inhibitor	1. Craig Bates, et al. Process of preparing 3- (3- (4- (1-aminocyclobutyl)phenyl)-5-phenyl-3h-imidazo[4,5-b]pyridin-2-yl)pyridin-2-amine. US/20150266876/A1
Other Notes	Small volumes of ARQ-092, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of ARQ-092, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.