

Product Name : BMS-919373

Synonyms : BMS919373

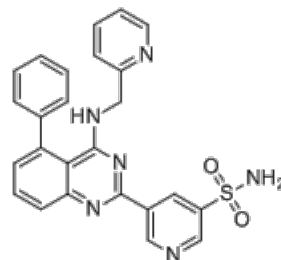
Cat No. : M11139

CAS Number : 1272353-82-8

Molecular Formula : C₂₅H₂₀N₆O₂S

Formula Weight : 468.54

Chemical Name : 5-(5-phenyl-4-((pyridin-2-ylmethyl)amino)quinazolin-2-yl)pyridine-3-sulfonamide



Description : BMS-919373 is a potent I(Kur)/Kv1.5 channel blocker with IC₅₀ of 50 nM, with selectivity versus hERG, Na, Ca channels and reduced the level of brain penetration; shows robust anti- arrhythmia effects in rabbit and canine pharmacodynamic models and an acceptable cross-species pharmacokinetic profile. Heart Arrhythmia Phase 1 Discontinued

Pathway : Cell Cycle/DNA Damage

Target : Potassium Channel

Receptor : Potassium Channel

Solubility : —

SMILES : C1=CC=C(C=C1)C2=C3C(=CC=C2)N=C(N=C3NCC4=CC=CC=N4)C5=CC(=CN=C5)S(=O)(=O)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gunaga P, et al. J Med Chem. 2017 May 11;60(9):3795-3803.