

Product Name : HSP990

Synonyms : HSP990; HSP-990; HSP 990; NVP HSP 990

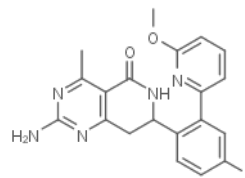
Cat No. : M17671

CAS Number : 934343-74-5

Molecular Formula : C₂₀H₁₈FN₅O₂

Formula Weight : 379.39

Chemical Name : (R)-2-amino-7-(4-fluoro-2-(6-methoxypyridin-2-yl)phenyl)-4-methyl-7,8-dihydropyrido[4,3-d]pyrimidin-5(6H)-one



Description : HSP990 is an orally bioavailable inhibitor of human heat-shock protein 90 (Hsp90) with potential antineoplastic activity. Hsp990 binds to and inhibits the activity of Hsp90, which may result in the proteasomal degradation of oncogenic client proteins, including HER2/ERBB2, and the inhibition of tumor cell proliferation.

Pathway : Neuroscience

Target : P2 Receptor

Receptor : HSP90α; HSP90β

Solubility : DMSO : ≥ 33 mg/mL; 86.98 mM

SMILES : c1(nc2c(c(n1)C(=O)N[C@H](C2)c1c(cc(cc1)F)c1cccc(n1)OC)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Menezes DL, et al. Mol Cancer Ther, 2012, 11(3), 730-739.