

Product Name : NMS-E973

Synonyms : NMS-E973; NMSE973

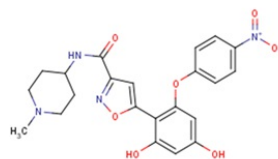
Cat No. : M17906

CAS Number : 1253584-84-7

Molecular Formula : C₂₂H₂₂N₄O₇

Formula Weight : 454.43

Chemical Name : 5-[2,4-Dihydroxy-6-(4-nitrophenoxy)phenyl]-N-(1-methyl-4-piperidyl)-3-isoxazolecarboxamide



Description : NMS-E973 is a novel, selective and potent inhibitor of heat shock protein 90 (Hsp90). NMS-E973 displays significant efficacy in a human ovarian A2780 xenograft tumor model, with a mechanism of action confirmed in vivo by typical modulation of known Hsp90 client proteins, and with a favorable pharmacokinetic and safety profile. The efficacy profile of NMS-E973 suggests a potential for development in different clinical settings, including tumors that have become resistant to molecular targeted agents, particularly in cases of tumors which reside beyond the blood-brain barrier (BBB).

Pathway : Others

Target : Platelet aggregation

Receptor : HSP90

Solubility : —

SMILES : CN1CCC(CC1)NC(=O)C2=C/C(=C/C(=CC(=O)C=C3OC4=CC=C(C=C4)[N+](=O)[O-])O)/ON2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Fogliatto G, et al. Clin Cancer Res. 2013, 19(13), 3520-3532.