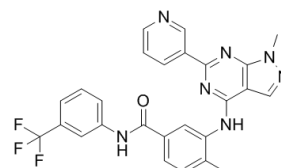


Product Name	: NVP-BHG712
Synonyms	: NVP BHG712; NVP BHG-712; NVP BHG 712; BHG-712; BHG712
Cat No.	: M16727
CAS Number	: 940310-85-0
Molecular Formula	: C ₂₆ H ₂₀ F ₃ N ₇ O
Formula Weight	: 503.49
Chemical Name	: 4-methyl-3-(1-methyl-6-(pyridin-3-yl)-1H-pyrazolo[3,4-d]pyrimidin-4-ylamino)-N-(3-(trifluoromethyl)phenyl)benzamide
Description	: NVP-BHG712 is a specific EphB4 inhibitor with ED ₅₀ of 25 nM that discriminates between VEGFR and EphB4 inhibition; also shows activity against c-Raf, c-Src and c-Abl with IC ₅₀ of 0.395 μM, 1.266 μM and 1.667 μM, respectively.
Pathway	: Tyrosine Kinase
Target	: Ephrin Receptor
Receptor	: EphB4
Solubility	: 10 mM in DMSO
SMILES	: <chem>O=C(NC1=CC=CC(C(F)(F)F)=C1)C2=CC=C(C)C(NC3=C4C(N(C)N=C4)=NC(C5=CC=CN=C5)=N3)=C2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Martiny-Baron G, et al. The small molecule specific EphB4 kinase inhibitor NVP-BHG712 inhibits VEGF driven angiogenesis. *Angiogenesis*. 2010 Sep;13(3):259-67.