

Product Information

Raf inhibitor NVP-BHG712, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ953

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD20272929

CAS Number: 940310-85-0

Compound CID: 16747388

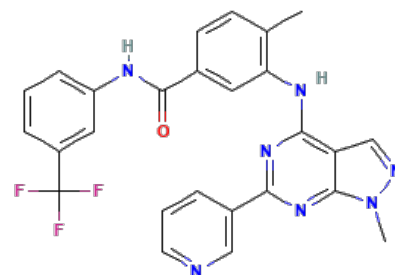
Synonym: NVP-BHG712; 940310-85-0;

4-Methyl-3-(1-methyl-6-(pyridin-3-yl)-1H

-pyrazolo[3,4-d]pyrimidin-4-ylamino)-N-(3-(trifluoromethyl)phenyl)benzamide; Raf

inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	NVP-BHG712, soluble in DMSO and ethanol and insoluble in water, blocks a MAPK/ERK signaling pathway. It targets C-Raf, c-Src, Axl, and c-Abl.
Molecular Weight	503.5
Molecular Formula	C ₂₆ H ₂₀ F ₃ N ₇ O
Targets	C-Raf: 0.395 μ M; c-Src: 1.266 μ M; Axl: >10 μ M; c-Abl: 1.667 μ M
IUPAC Name	4-Methyl-3-[(1-methyl-6-pyridin-3-ylpyrazolo[3,4-d]pyrimidin-4-yl)amino]-N-[3-(trifluoromethyl)phenyl]benzamide
InChI	InChI=1S/C26H20F3N7O/c1-15-8-9-16(25(37)32-19-7-3-6-18(12-19)26(27,28)29)11-21(15)33-23-20-14-31-36(2)24(20)35-22(34-23)17-5-4-10-30-13-17/h3-14H,1-2H3,(H,32,37)(H,33,34,35)
InChI Key	ZCCPLJOKGAACRT-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1)C(=O)NC2=CC=CC(=C2)C(F)(F)F)NC3=C4C=NN(C4=NC(=N3)C5=CN=CC=C5)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 90 mg/mL (178.75 mM); Water: Insoluble; Ethanol: 3 mg/mL (5.95 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.



Applications

NVP-BHG712 can be used to inhibit EphB4 kinase in research focused on cancer and angiogenesis.

Storage

Store at -20°C.
