

Product Information

Raf inhibitor HG6-64-1, Purity ≥98%

Cat. No.: X23-10-ZQ976

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

MDL: MFCD28167804

CAS Number: 1315329-43-1

Compound CID: 53302361

Synonym: HG6-64-1; 1315329-43-1;

(*E*)-*N*

-[4-((4-

Ethylpiperazin

-1-yl)methyl]-3-(trifluorometh

yl)phenyl)-3-(2-(4-methoxy-1*H*-pyrrolo[2,3-*b*]pyridin-5-yl)vinyl)-4-methylbenzamide;

HG-6-64-1;

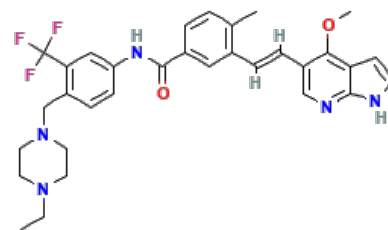
N

-[4-[(4-ethylpiperazin-1

-yl)methyl]-3-(trifluoromethyl)phenyl]-3-[(*E*)-2-(4-methoxy-1*H*

-pyrrolo[2,3-*b*]pyridin-5-yl)ethenyl]-4-methylbenzamide; Raf inhibitor

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



Product Information

Description	HG6-64-1 blocks a MAPK/ERK signaling pathway. It targets BRAF V600E.
Molecular Weight	577.64
Molecular Formula	C ₃₂ H ₃₄ F ₃ N ₅ O ₂
Targets	BRAF V600E: 0.09 μM (In Ba/F3 cells)
IUPAC Name	<i>N</i> -[4-[(4-Ethylpiperazin-1-yl)methyl]-3-(trifluoromethyl)phenyl]-3-[(<i>E</i>)-2-(4-methoxy-1 <i>H</i> -pyrrolo[2,3- <i>b</i>]pyridin-5-yl)ethenyl]-4-methylbenzamide
InChI	InChI=1S/C32H34F3N5O2/c1-4-39-13-15-40(16-14-39)20-25-9-10-26(18-28(25)32(33,34)35)38-31(41)23-6-5-21(2)22(17-23)7-8-24-19-37-30-27(11-12-36-30)29(24)42-3/h5-12,17-19H,4,13-16,20H2,1-3H3,(H,36,37)(H,38,41)/b8-7+

InChI Key	UMBFDGUGXMOMHX-BQYQJAHWSA-N
Canonical SMILES	<chem>CCN1CCN(CC1)CC2=C(C=C(C=C2)NC(=O)C3=CC(=C(C=C3)C)C=CC4=CN=C5C(=C4OC)C=CN5)C(F)(F)F</chem>
Isomeric SMILES	<chem>CCN1CCN(CC1)CC2=C(C=C(C=C2)NC(=O)C3=CC(=C(C=C3)C)/C=C/C4=CN=C5C(=C4OC)C=CN5)C(F)(F)F</chem>
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	HG6-64-1 can be applied to investigate its selective inhibition of protein kinases in signal transduction studies.
Storage	Store at -20°C.
