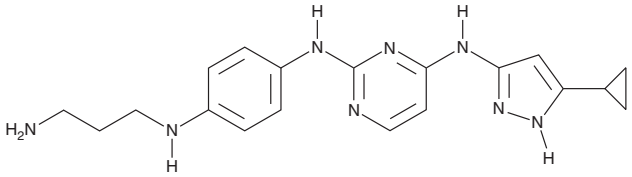
PRODUCT INFORMATION

UNC0064-12

Item No. 33555

CAS Registry No.: 1430089-64-7
Formal Name: N^2-[4-[(3-aminopropyl)amino] phenyl]-N^4-(5-cyclopropyl-1H-pyrazol-3-yl)-2,4-pyrimidinediamine
Synonym: VEGFR-2-IN-5
MF: $C_{19}H_{24}N_8$
FW: 364.5
Purity: ≥98%
UV/Vis.: λ_{max}: 291 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

UNC0064-12 is supplied as a crystalline solid. A stock solution may be made by dissolving the UNC0064-12 in the solvent of choice, which should be purged with an inert gas. UNC0064-12 is soluble in the organic solvent DMSO at a concentration of approximately 1 mg/ml.

UNC0064-12 is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, UNC0064-12 should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. UNC0064-12 has a solubility of approximately 0.12 mg/ml in a 1:7 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

UNC0064-12 is a multi-kinase inhibitor.[1] It has been used as an affinity ligand for proteomics-based kinome analyses of cancer cells.

Reference

1. Johnson, G., Duncan, J.S., Whittle, M.C., *et al.* Multiplexed kinase inhibitor beads and uses thereof. *University of North Carolina at Chapel Hill*. **US20140243239A1**, (2013).

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