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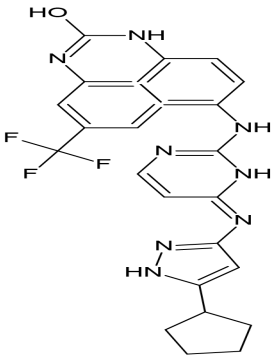
CD532

ALTERNATE NAME: 1-[4-[[4-[(5-Cyclopentyl-1h-Pyrazol-3-Yl)amino]pyrimidin-2-Yl]amino]phenyl]-3-[3-(Trifluoromethyl)phenyl]urea

CATALOG #: AUR10114

STRUCTURE:



MOLECULAR FORMULA: $C_{26}H_{25}F_3N_8O$

MOLECULAR WEIGHT: 522.52

CAS#: 1639009-81-6

APPEARANCE: Tan solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: ≥97% by LCMS

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: CD532 is an inhibitor of Aurora A kinase activity (IC_{50} = 48 nM) and the protein-protein interaction between N-Myc and Aurora A kinase.[1] It also inhibits several cyclin-dependent kinases (CDKs), FGFRs, MEKs, and PDGFRs, as well as FLT3, KIT, and RET at 10 µM.[2] CD532 induces degradation of N-Myc in SK-N-BE(2) neuroblastoma cells (EC_{50} = 223 nM.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure