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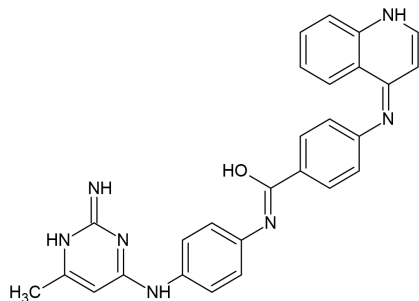
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SGI-1027

ALTERNATE NAME: *N*-[4-[(2-amino-6-methylpyrimidin-4-yl)amino]phenyl]-4-(quinolin-4-ylamino)benzamide

CATALOG #: AUR11313

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₃N₇O

MOLECULAR WEIGHT: 461.53

CAS#: 1020149-73-8

APPEARANCE: White solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: ≥88% by TLC

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

DESCRIPTION: SGI-1027 is an inhibitor of the DNA methyltransferases DNMT1, DNMT3A, and DNMT3B (IC₅₀s = 12.5, 8, and 7.5 μM, respectively, with Poly(dI-dC) as the substrate).

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