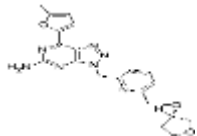


PRODUCT: CPI-444

ALTERNATE NAMES: (S)-7-(5-methylfuran-2-yl)-3-((6-(((tetrahydrofuran-3-yl)oxy)methyl)pyridin-2-yl)methyl)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-5-amine; V81444

CATALOG NUMBER: B1970-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₀H₂₁N₇O₃

MOLECULAR WEIGHT: 407.43

CAS NUMBER: 1202402-40-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: CPI-444 is a potent adenosine A2A receptor antagonist. Upon oral administration, CPI-444 binds to adenosine A2A receptors expressed on the surface of immune cells, including T-lymphocytes, natural killer (NK) cells, macrophages and dendritic cells (DCs). This prevents tumor-released adenosine from interacting with the A2A receptors on these key immune surveillance cells, thereby abrogating adenosine-induced immunosuppression in the tumor microenvironment.

REFERENCES: Willingham, S., *et al.* (2016). *Cancer Immunol. Res.* Abstract PR04; September 25-28.

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

RELATED PRODUCTS:

ML-243 (2515)

Reversine (1851)

SCH-58261 (B1638)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**