LY2157299
Catalogue Number : 7007224

Product Information

Synonyms: LY 2157299, LY-2157299, Galunisertib

Chemical Name: 4-[2-(6-methylpyridin-2-yl)-5,6-dihydro-4H-pyrrolo[1,2-b]pyrazol-3-yl]quinoline-6-carboxamide

Molecular Formula: C_{22}H_{19}N_{5}O
Molecular Weight: 369.4
CAS Number: 700874-72-2
Purity: ≥98%
Applications: FA
Formulation: Crystalline solid
Storage: Product should be kept at -20°C.

Description
LY2157299 is a potent inhibitor of Transforming Growth factor-Beta Receptor I (TGF-BetaR). TGF-Beta1 is involved in the control of cell growth, proliferation, differentiation, and apoptosis. LY2157299 is reported to disrupt Smad-2 phosphorylation in Human Umbilical Vein Endothelial Cells (HUVEC) and inhibit the growth and migration of tumor cells.

Preparation & Storage
Soluble in organic solvents such as ethanol or DMSO. DMSO up to 25mg/ml.

References