LY-364947
Catalogue Number : 3965362

Product Information

**Synonyms:** TbetaR-I Inhibitor, LY364947, LY 364947, Transforming Growth Factor-beta Type I Receptor Kinase Inhibitor

**Chemical Name:** 4-(5-pyridin-2-yl-1H-pyrazol-4-yl)quinoline

**Molecular Formula:** C$_{17}$H$_{12}$N$_{4}$

**Molecular Weight:** 272.3

**CAS Number:** 396129-53-6

**Purity:** ≥98%

**Applications:** FA

**Formulation:** Crystalline solid

**Storage:** Product should be kept at -20°C.

Description
LY-364947 is a selective inhibitor of transforming growth factor beta pathway and suppresses TGF-Beta dependent growth in the relevant cell lines. It is also reported to inhibit MDA-MB-231 breast cancer cells in a matrigel invasion assay and block chondrogenesis in human stem cells.

Preparation & Storage
Soluble in organic solvents such as DMF or DMSO. DMSO up to 1mg/ml.

References