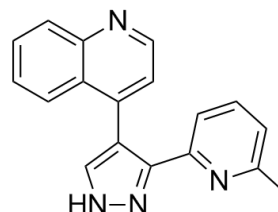


Product Name : A77-01
Synonyms : A77-01;A-77-01
Cat No. : M15278
CAS Number : 607737-87-1
Molecular Formula : C₁₈H₁₄N₄
Formula Weight : 286.33
Chemical Name : Quinoline, 4-[3-(6-methyl-2-pyridinyl)-1H-pyrazol-4-yl]-



Description : A potent inhibitor of TGF- β type I receptor superfamily activin-like kinase ALK5 with IC₅₀ of 25 nM; A-77-01 is a close analogue of A-83-01(Axon 1421) and has a very similar biological profile of A-83-01.
Pathway : TGF-beta/Smad
Target : TGFBR
Receptor : ALK5
Solubility : 10 mM in DMSO
SMILES : CC1=CC=CC(=N1)C2=C(C=NN2)C3=CC=NC4=CC=CC=C34
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Tojo M, et al. Cancer Sci. 2005 Nov;96(11):791-800.