

# A 77-01

**Catalog No: tcsc1564**



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

607737-87-1

**Formula:**

$C_{18}H_{14}N_4$

**Pathway:**

TGF-beta/Smad

**Target:**

TGF- $\beta$  Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

286.33

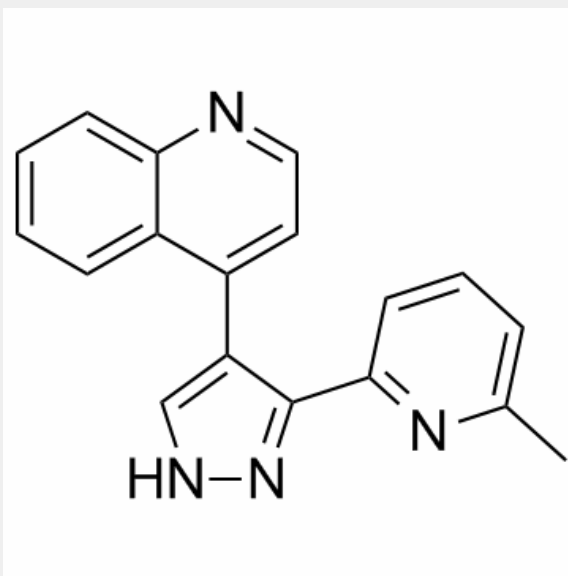
## Product Description

A 77-01 is a potent inhibitor of TGF- $\beta$  type I receptor superfamily activin-like kinase ALK5 with IC50 of 25 nM.

IC50 Value: 25 nM [1]

Target: ALK5

A-77-01 is a close analogue of A-83-01(Axon 1421) and has a very similar biological profile of A-83-01. A-83-01 is found to decompose to A-77-01 under certain circumstances and A-77-01 is likely an active component or metabolite of its prodrug A-83-01.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!