

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- β Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

286.33

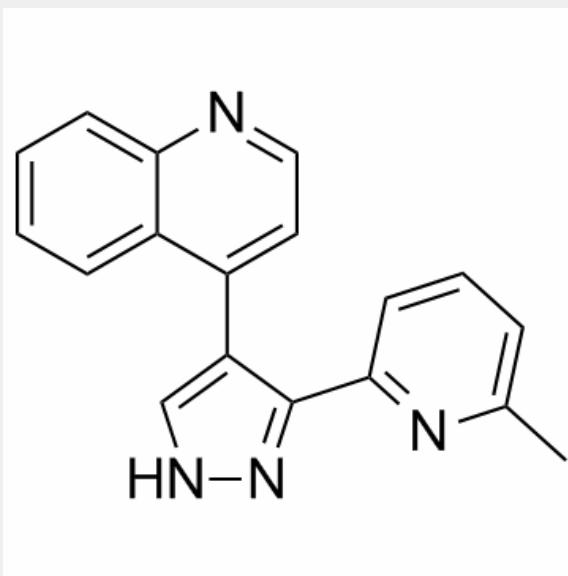
Product Description

A 77-01 is a potent inhibitor of TGF- β 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!