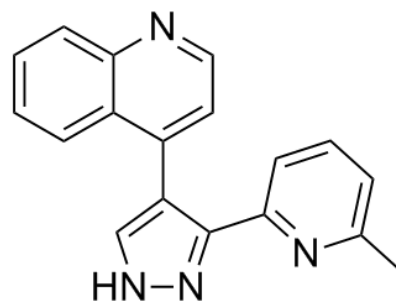


**Product Name** : A 77-01  
**Cat. No.** : PC-45993  
**CAS No.** : 607737-87-1  
**Molecular Formula** : C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>  
**Molecular Weight** : 286.3306  
**Target** : TGF beta Receptor (TGFBR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

A potent inhibitor of TGF- $\beta$  type I receptor superfamily activin-like kinase ALK5 with IC<sub>50</sub> 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.

### References

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

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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