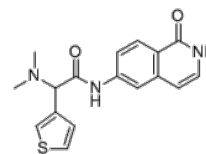


**Product Name** : Verosudil  
**Cat. No.** : PC-62715  
**CAS No.** : 1414854-42-4  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 327.402  
**Target** : ROCK  
**Solubility** : 10 mM in DMSO



## Biological Activity

Verosudil (AR-12286) is a potent **ROCK** inhibitor with K<sub>i</sub> of 2 nM for both ROCK1 and ROCK2. Verosudil (AR-12286) effectively lowers intraocular pressure (IOP) primarily by increasing aqueous humour outflow through the trabecular meshwork in animal models.

## References

- Sturdivant JM, et al. *Bioorg Med Chem Lett*. 2016 May 15;26(10):2475-80.  
Kopczynski C, et al. *Br J Ophthalmol*. 2013 May;97(5):567-72.  
Williams RD, et al. *Am J Ophthalmol*. 2011 Nov;152(5):834-41.e1.

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

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