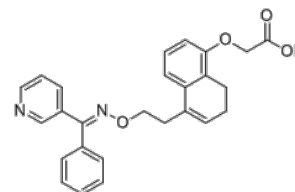


**Product Name** : ONO-1301  
**Cat. No.** : PC-60721  
**CAS No.** : 176391-41-6  
**Molecular Formula** : C<sub>26</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 428.488  
**Target** : Prostaglandin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

ONO-1301 is a stable, orally active, non-prostanoid prostacyclin I<sub>2</sub> (**PGI<sub>2</sub>**) mimetic and prostacyclin agonist with inhibitory activity against thromboxane A<sub>2</sub> synthase.

ONO-1301 suppresses the elevation of protein excretion into urine in rats, attenuates the development of bleomycin-induced pulmonary fibrosis and improves survival in bleomycin mice.

## References

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Rudd JA, et al. Br J Pharmacol. 2000 Feb;129(4):782-90.

Chow KB, et al. Br J Pharmacol. 2001 Dec;134(7):1375-84.

Murakami S, et al. Am J Physiol Lung Cell Mol Physiol. 2006 Jan;290(1):L59-65.

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

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